

**SONY.**

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VIDEOCASSETTE RECORDER

**UVW-1400**  
**UVW-1400P**

VIDEOCASSETTE PLAYER

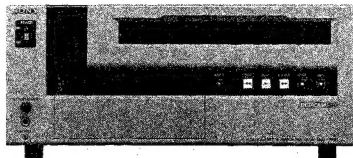
**UVW-1200**  
**UVW-1200P**

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**SERVICE MANUAL**

Vol.2 (1st Edition/Revised.1)

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**BETACAM SP**

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## For customers in the USA

### WARNING

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

The shielded interface cable recommended in this manual must be used with this equipment in order to comply with the limits for a digital device pursuant to Subpart B of Part 15 of FCC Rules.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:** Using this unit at a voltage other than 120 V may require the use of a different line cord or attachment plug, or both.  
To reduce the risk of fire or electric shock, refer servicing to qualified service personnel.

## For customers in Canada

This apparatus complies with the Class A limits for radio noise emissions set out in Radio Interference Regulations.

### Pour les utilisateurs au Canada

Cet appareil est conforme aux normes Classe A pour bruits radioélectriques, spécifiées dans le Règlement sur le brouillage radioélectrique.

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## このマニュアルについて

本書は、カセットレコーダ UVW-1400 およびカセットプレーヤ UVW-1200 のサービスマニュアル VOL. 2 です。

本書では、ブロックダイアグラム、マウント図、回路図、パーツリストを記載しています。

## 構 成

本書の構成を把握していただくために、全章の概略を以下に説明します。

- 第14章 BLOCK DIAGRAMS
- 第15章 BOARD LAYOUTS
- 第16章 SCHEMATIC DIAGRAMS
- 第17章 SEMICONDUCTOR PIN ASSIGNMENTS
- 第18章 SPARE PARTS AND OPTIONAL FIXTURES

## Introducing this manual

This manual is the Service Manual Vol. 2 of the video cassette recorder model UVW-1400/1400P and the video cassette player model UVW-1200/1200P.

This manual contains block diagrams, board layouts, schematic diagrams, parts lists.

## Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

- Section 14 BLOCK DIAGRAMS
- Section 15 BOARD LAYOUTS
- Section 16 SCHEMATIC DIAGRAMS
- Section 17 SEMICONDUCTOR PIN ASSIGNMENTS
- Section 18 SPARE PARTS AND OPTIONAL FIXTURES

## 関連マニュアル

本機には、この「サービスマニュアル VOL. 2」の他に、下記のマニュアルが用意されています。

- **オペレーションマニュアル (本機に付属しています)**

本機を実際に運用および操作するのに必要な情報を記載しています。

- **インストレーションマニュアル (本機に付属していません)**

本機の設置時に必要なラックマウント、周辺機器との接続の際のコネクター情報等を記載しています。

- **サービスマニュアル vol.1 (本機に付属していません)**

本機の保守に関する情報と、部品交換および調整などのサービスに関する情報を記載しています。

- **プロトコルマニュアル (本機に付属しています)**

RS-232C方式に準拠した25ピンプロトコルの情報を記載しています。

## Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

- **Operation Manual (Supplied with equipment)**

Explains how to operate this equipment.

- **Installation Manual (Not supplied with equipment)**

Contains rack mount information necessary for installation of the equipment, the connector information necessary for connecting the unit with peripherals and others.

- **Service Manual Vol. 1 (Not supplied with equipment)**

Contains the maintenance information and servicing information necessary for parts replacement and adjustment.

- **Protocol Manual (Supplied with equipment)**

Contains the 25-pin protocol information with based on RS-232C specification.

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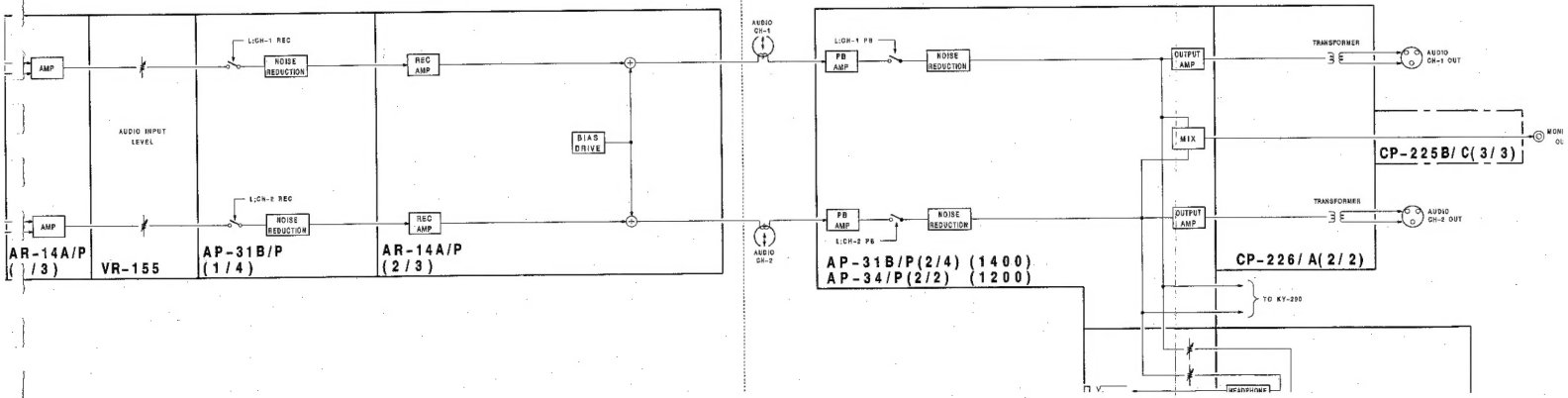
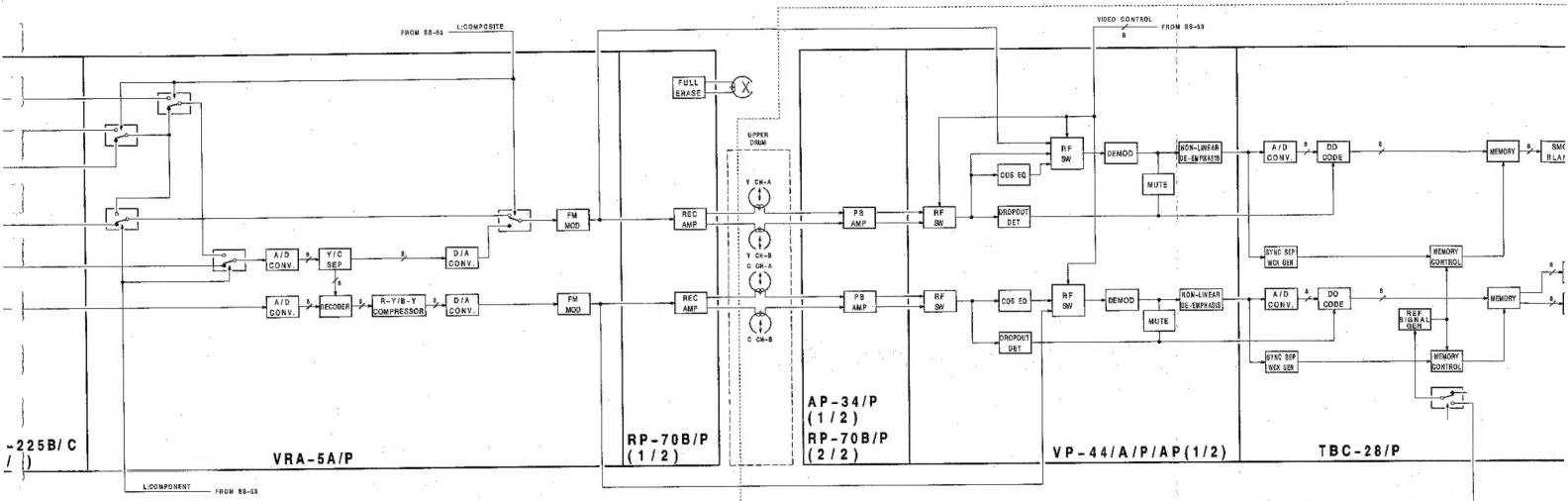
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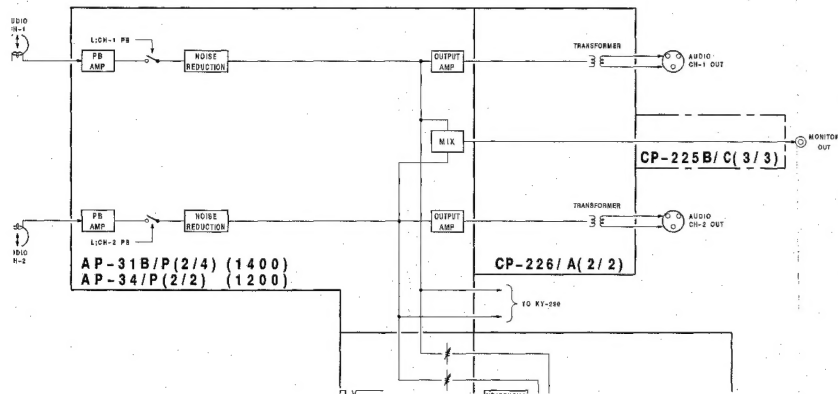
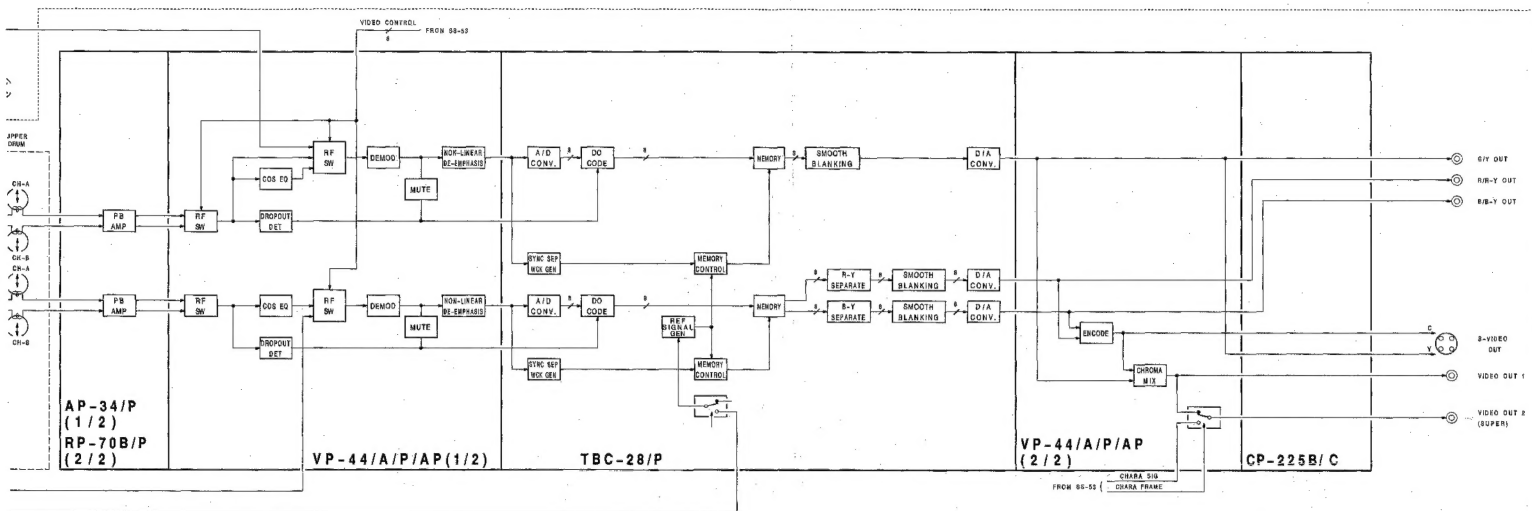
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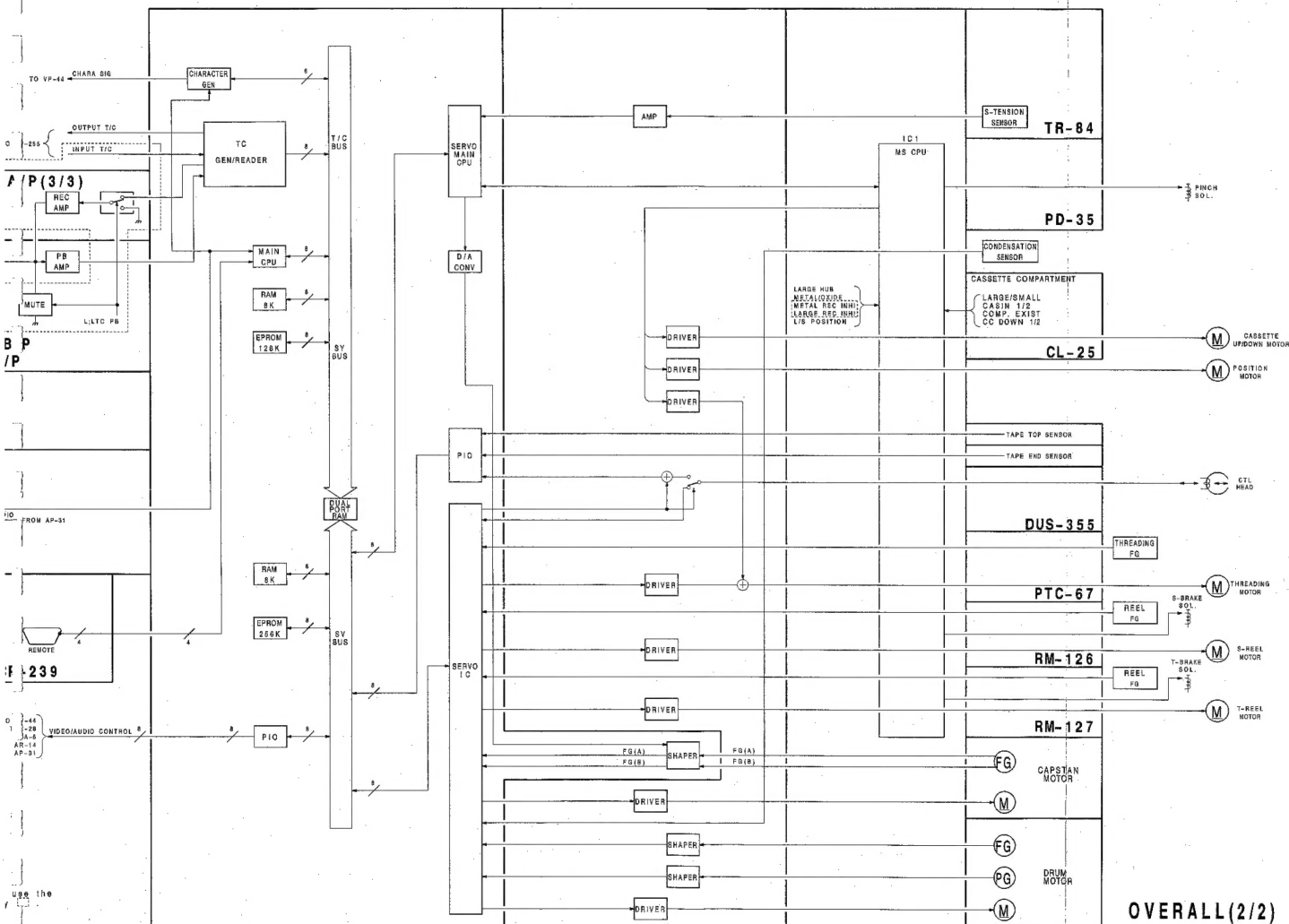




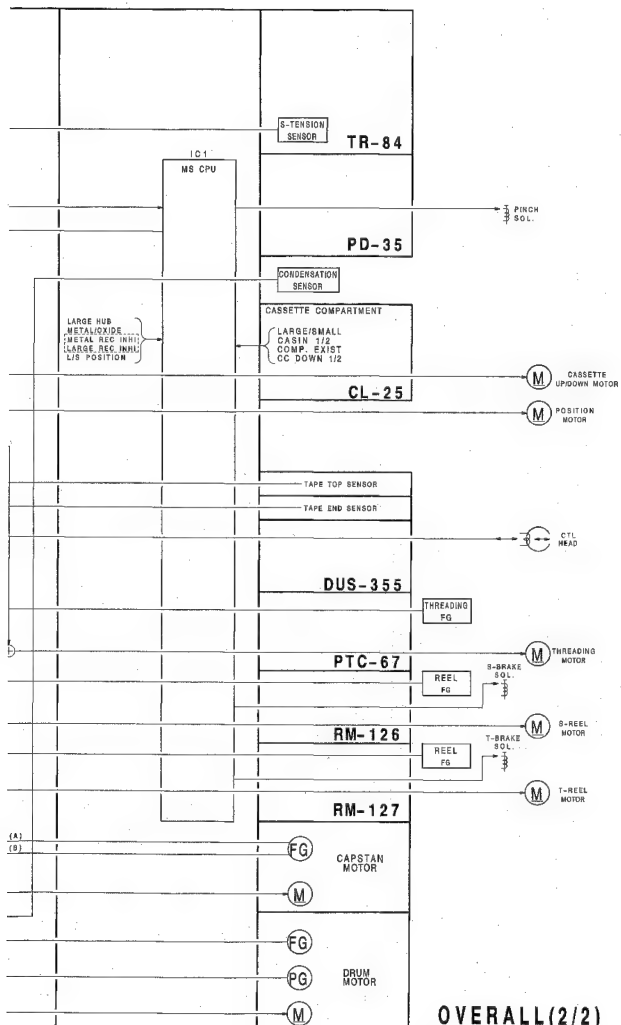
UVW-1200/1200P uses only the block with surrounded by

OVERALL(1/2)

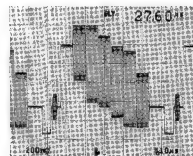
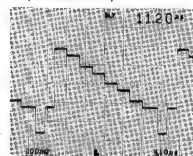
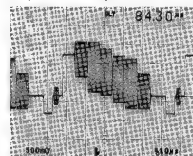
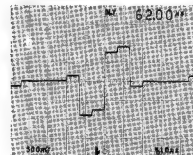
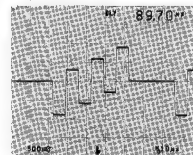
UVW-1400/1400P  
UVW-1200/1200P



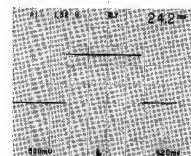




For EK

① TP101 REC/EE  
(COMPOSITE)① TP101 REC/EE  
(COMPONENT)② TP201 REC/EE  
(COMPOSITE)② TP201 REC/EE  
(COMPONENT)③ TP202 REC/EE  
(COMPONENT)

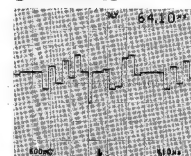
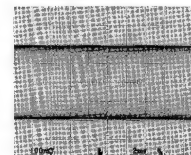
④ TP305 REC/EE



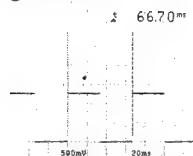
⑤ TP502 REC/EE



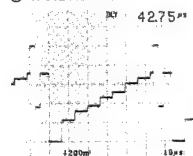
⑥ TP602 REC/EE

⑦ TP503 REC/EE  
TP603 REC/EE

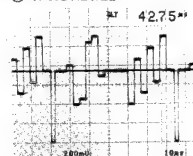
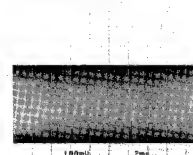
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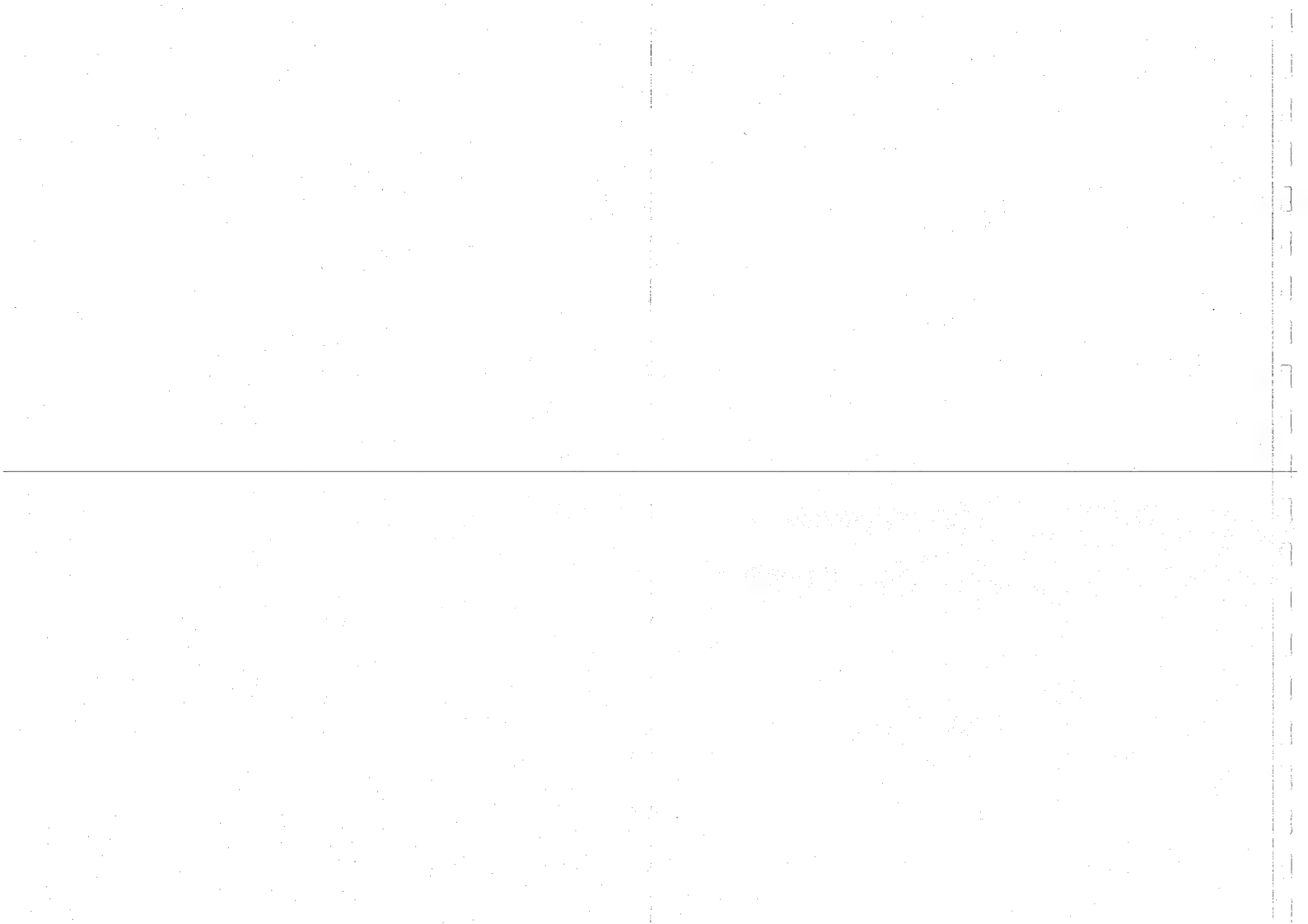


⑤ TP502 REC/EE

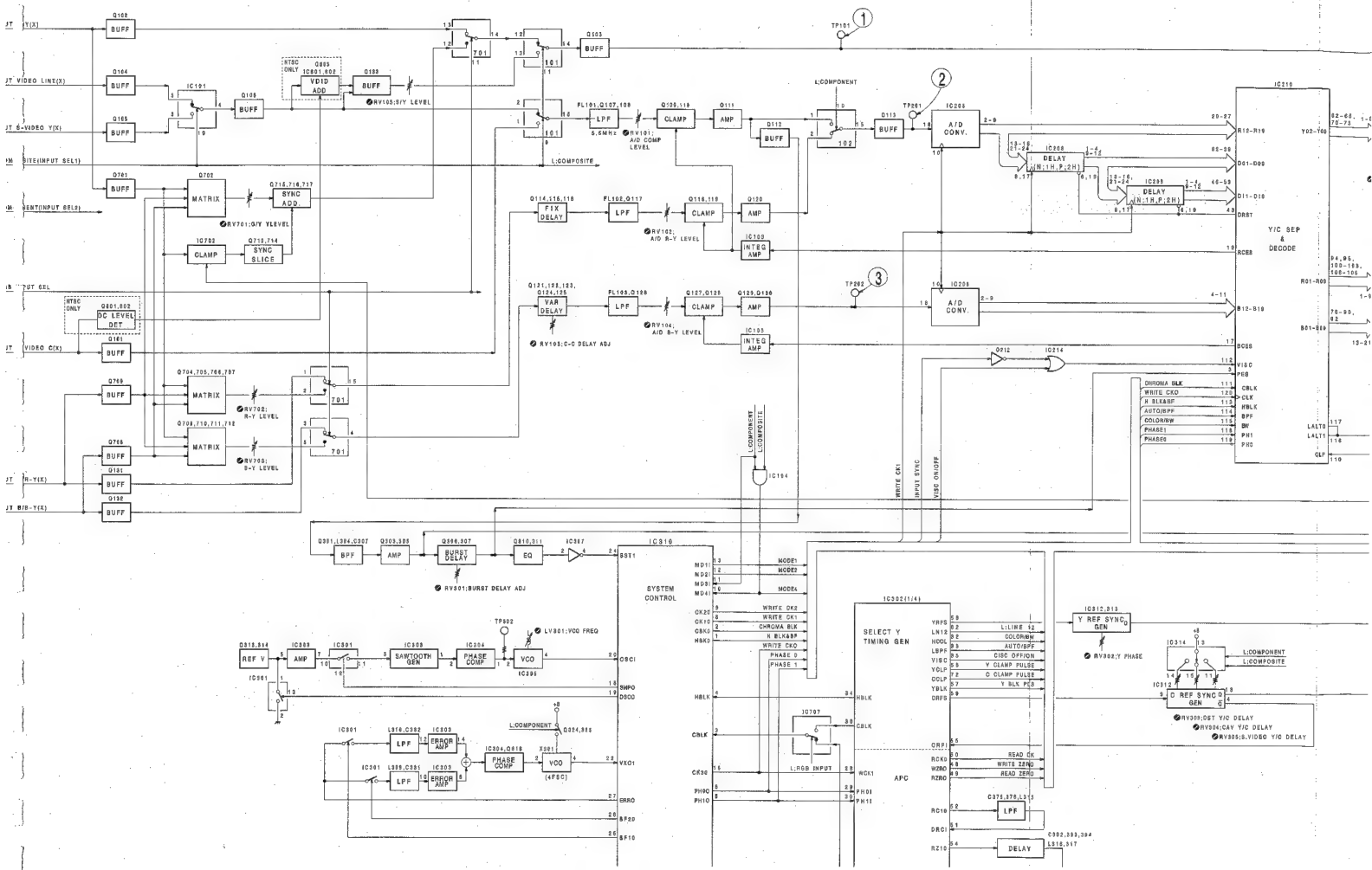


⑥ TP602 REC/EE

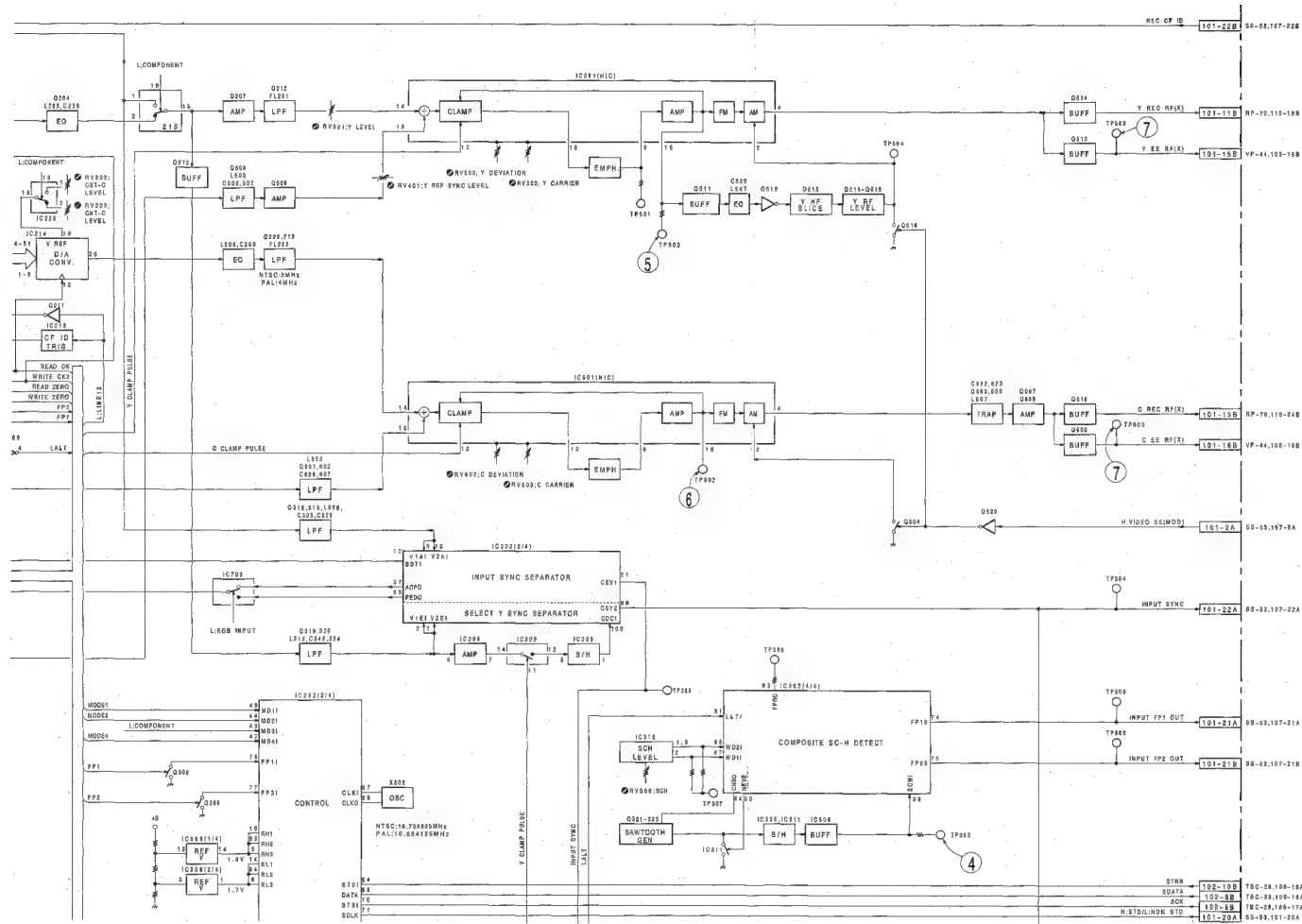
⑦ TP503 REC/EE  
TP603 REC/EE



ECODE,MOD.),CTDM

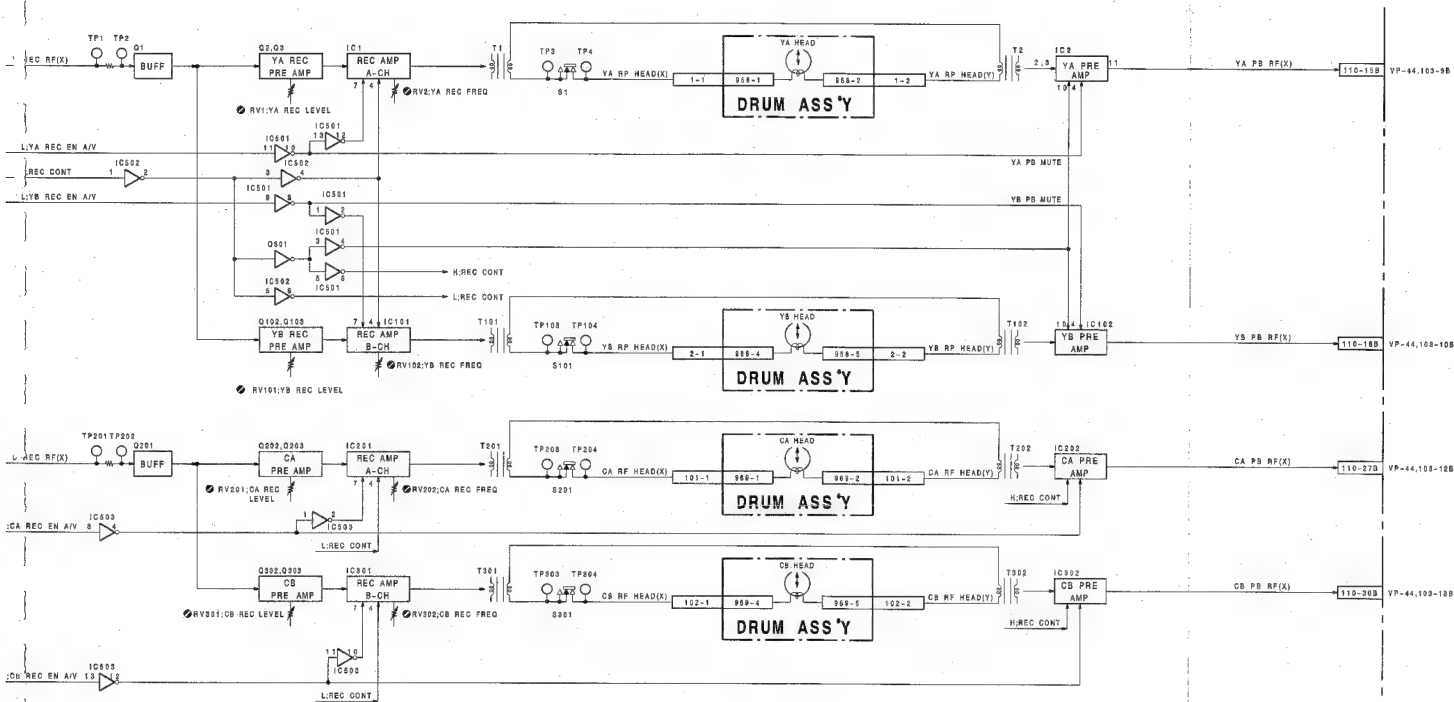


CTDM,DEC      DEC,CTDM

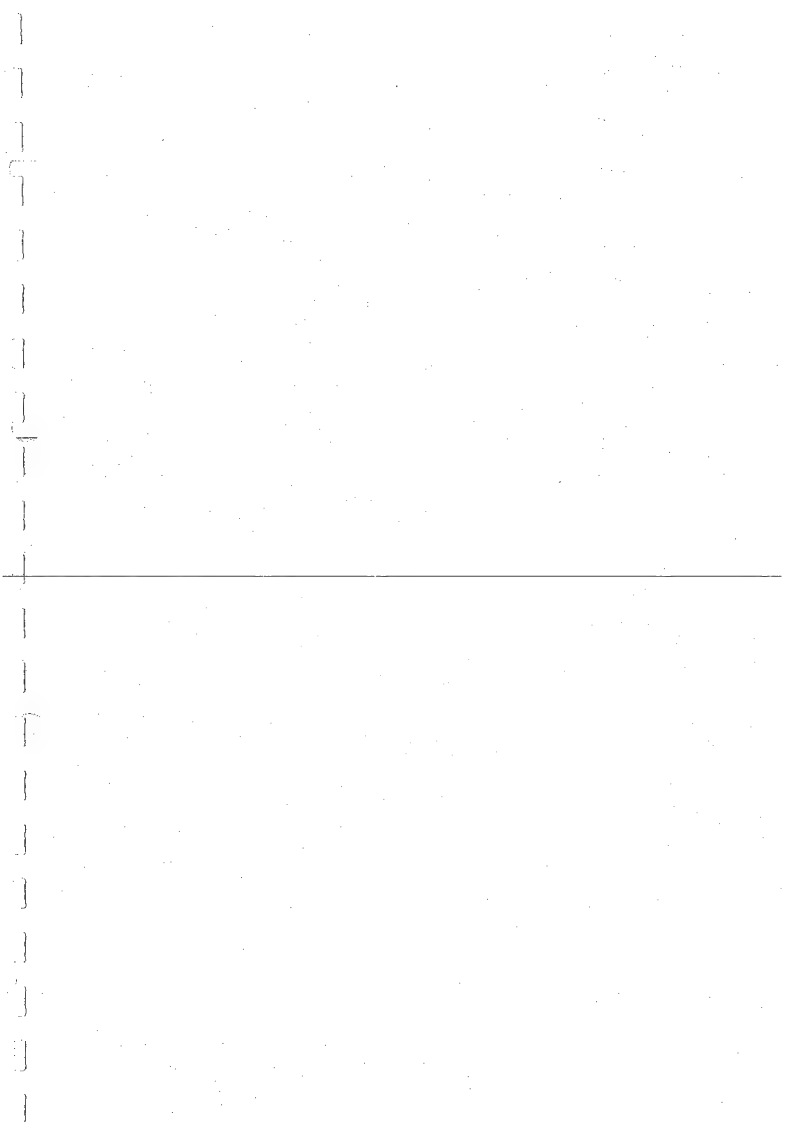


VRA-5A/P

RF RF



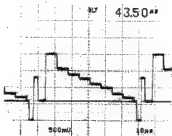




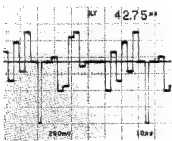


For J,UC

① TP201 PB

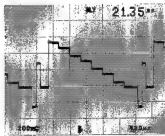


② TP401 PB

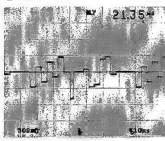


For EK

① TP201 PB



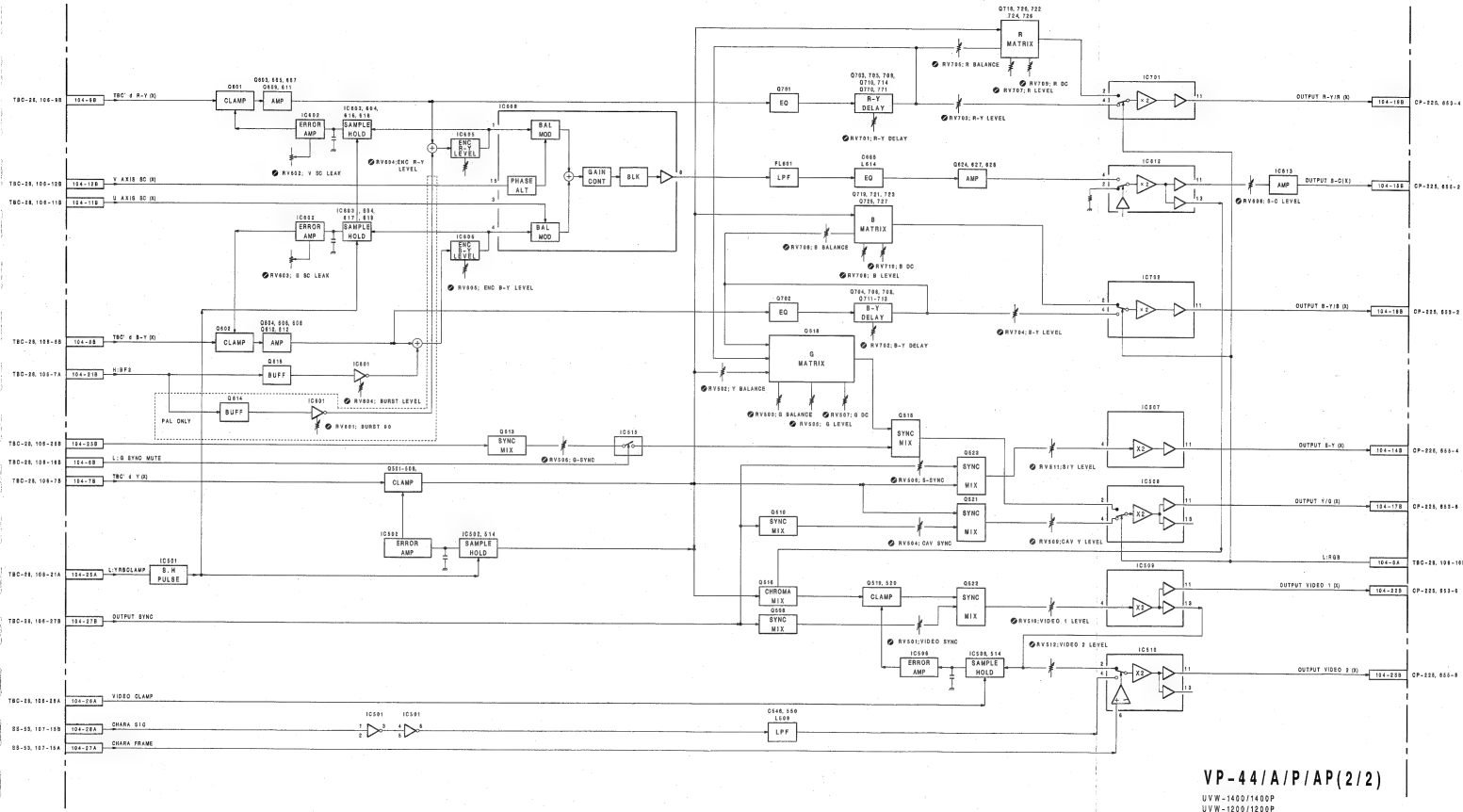
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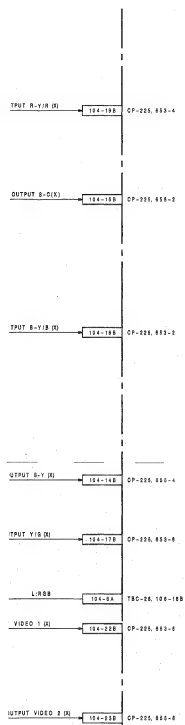




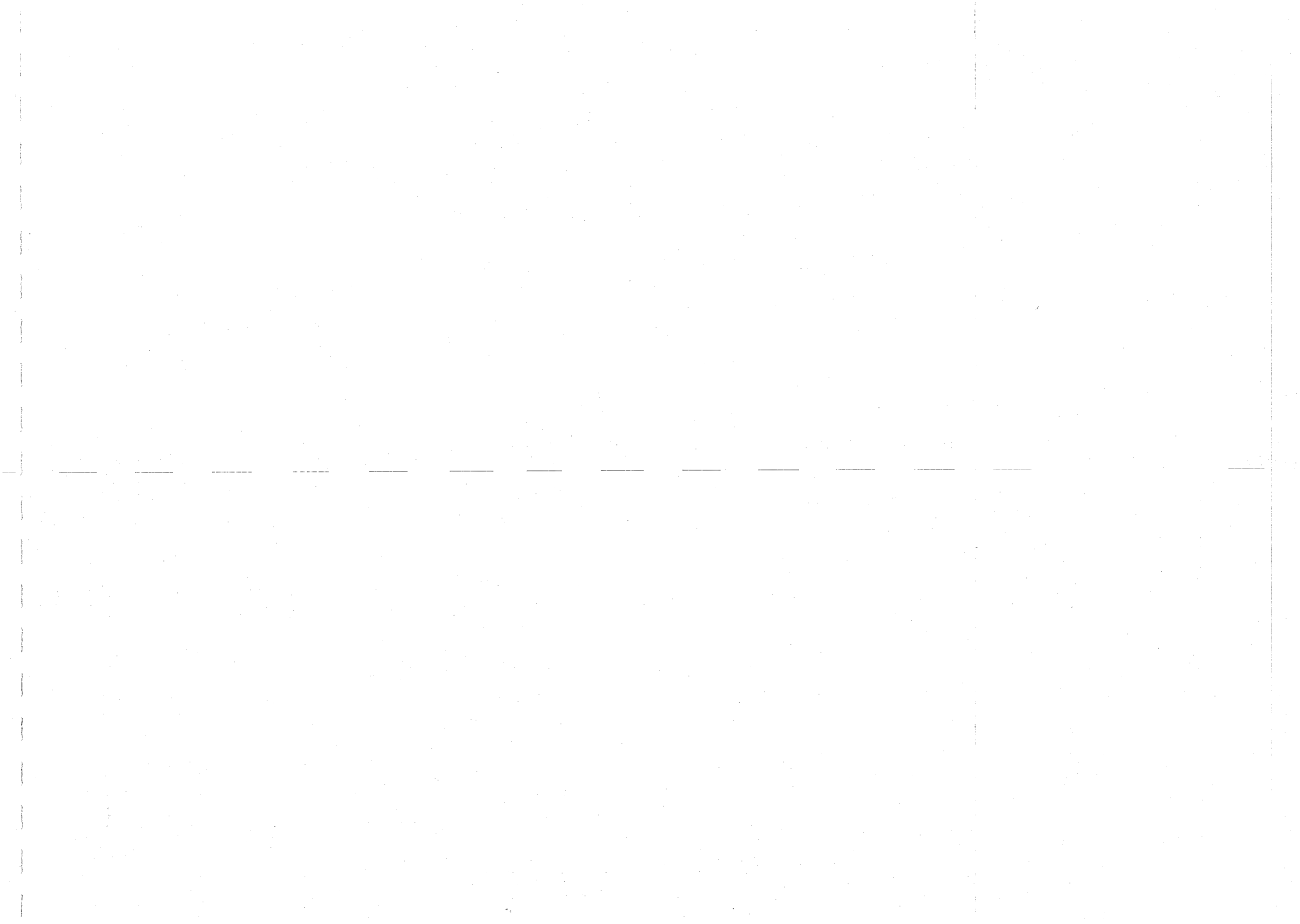
DEM0D.,PB RF EQ





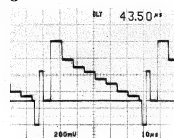


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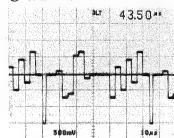


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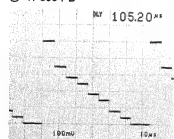
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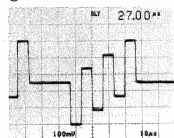
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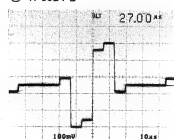
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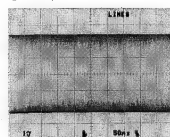
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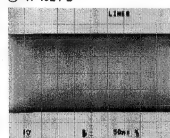
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⑥ TP303 PB

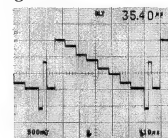


⑦ TP402 PB

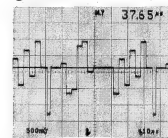


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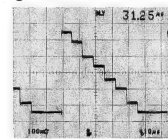
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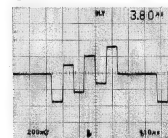
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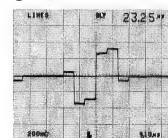
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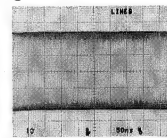
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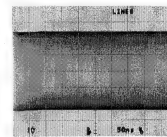
⑤ TP502 PB



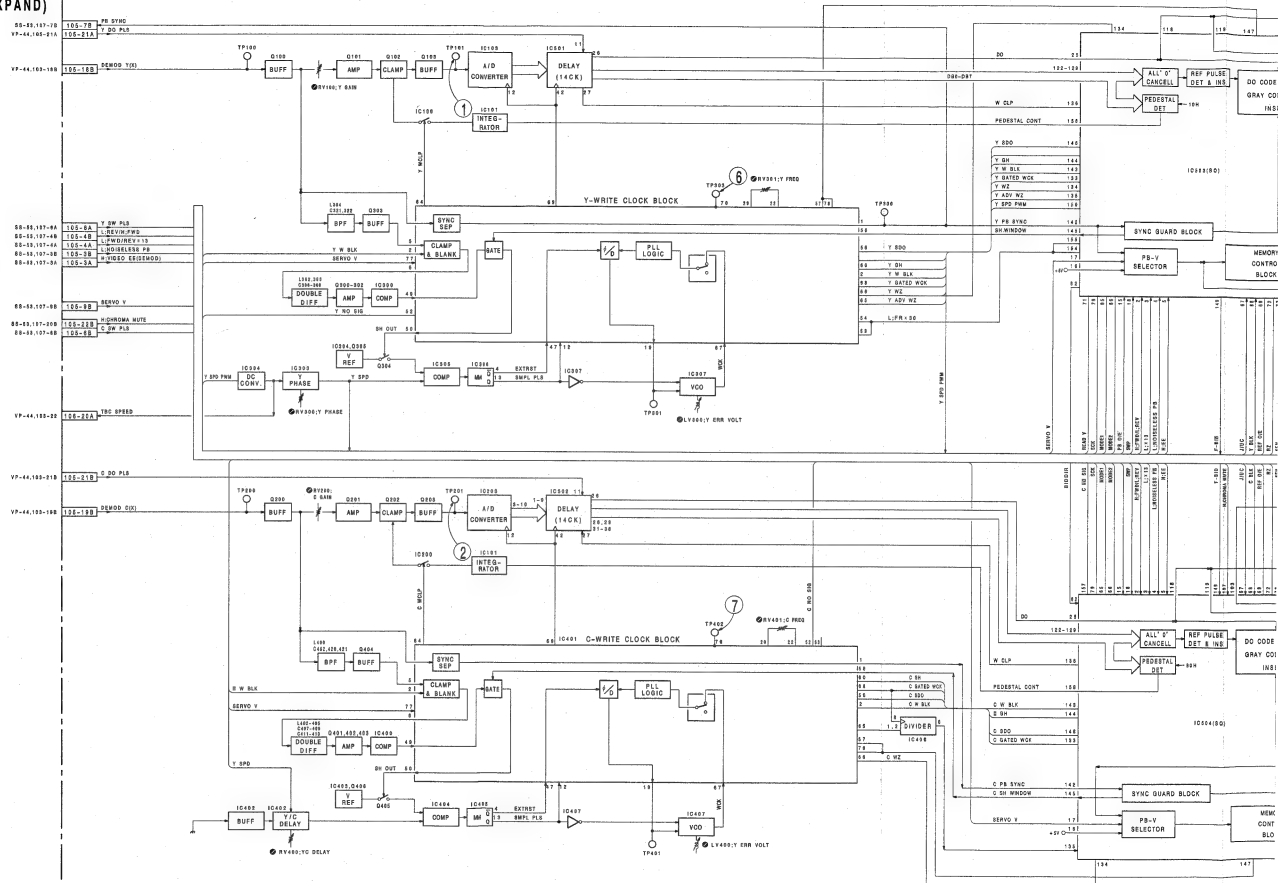
⑥ TP303 PB



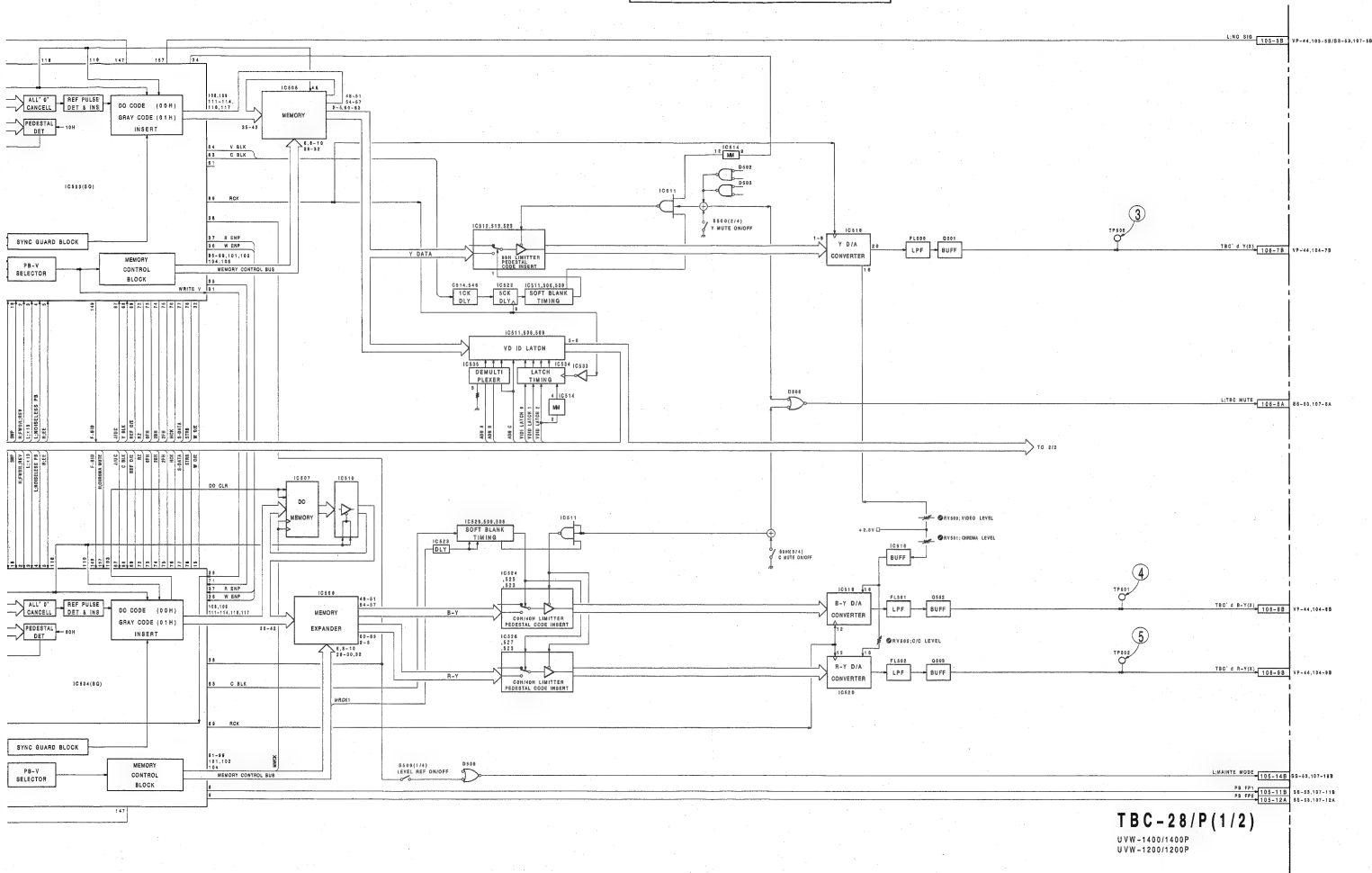
⑦ TP402 PB



## TIME BASE CORRECTOR,CTDM(EXPAND)



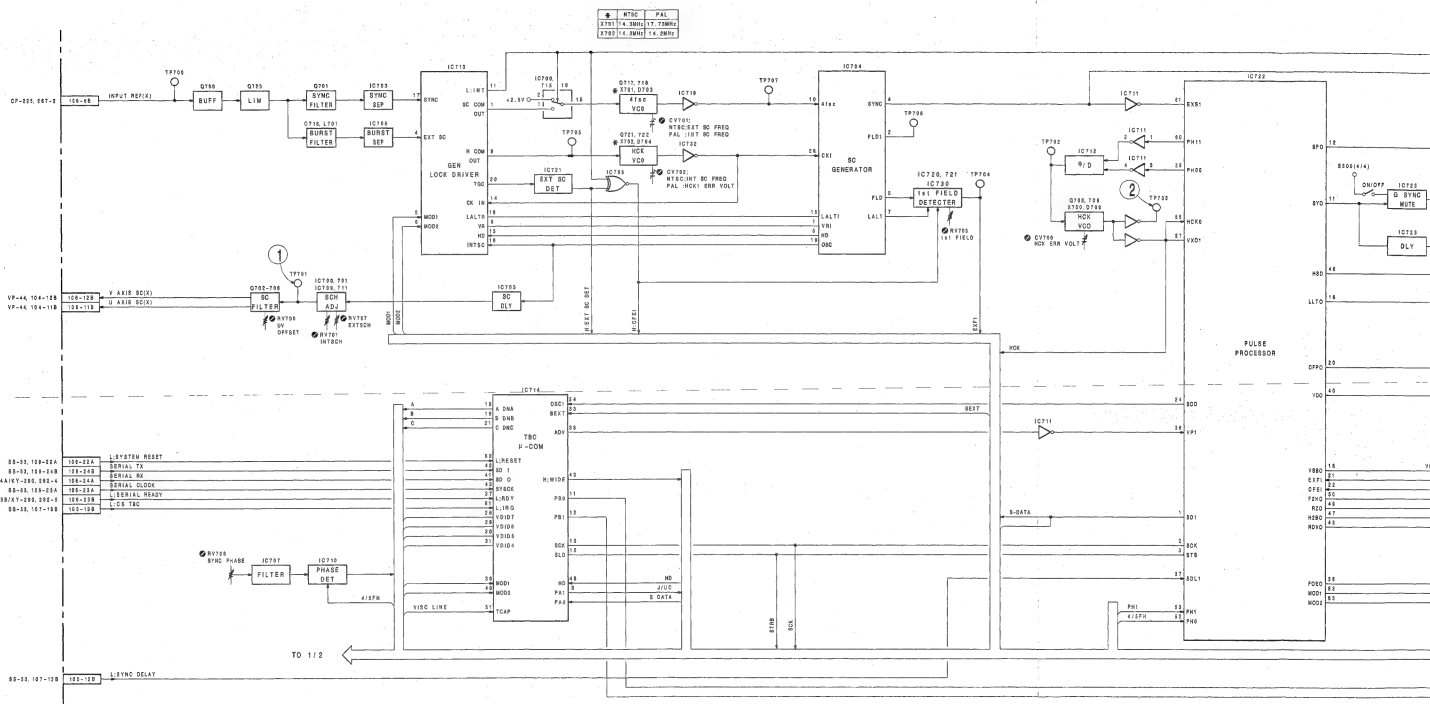


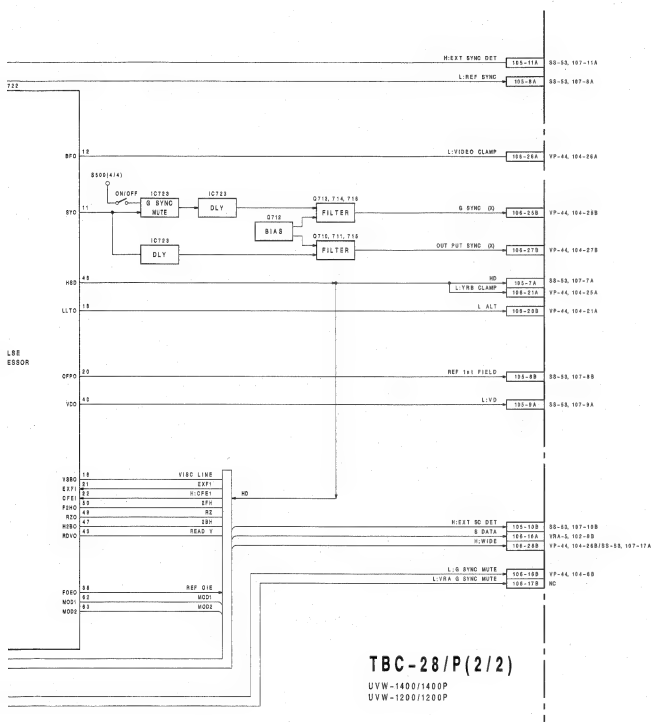


TBC-28/P(1/2)

UW-1400/1400P  
UW-1200/1200P

## THE BASE CORRECTOR





TBC-28/P(2/2)

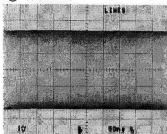
UVW-1400/1400P  
UVW-1200/1200P

For J,UC

① TP701 PB

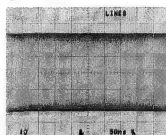


② TP703 PB

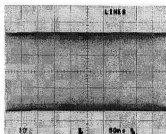


For EK

① TP701 PB



② TP703 PB







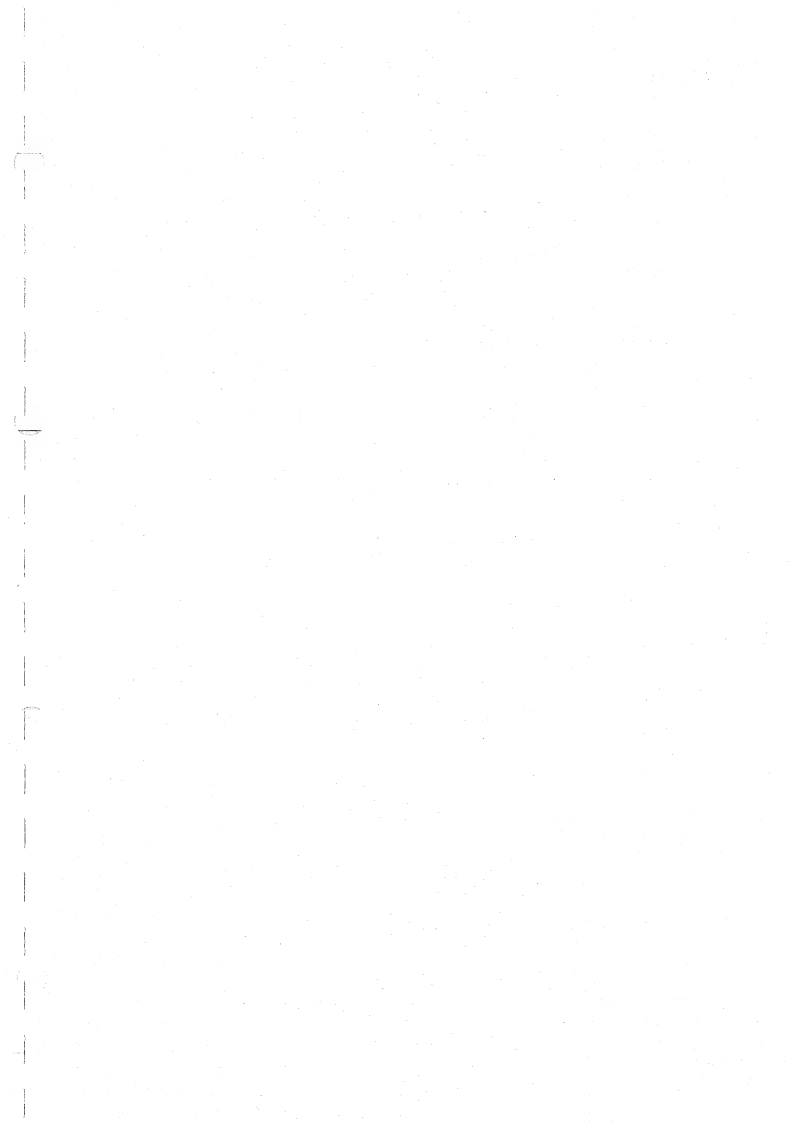


The schematic diagram illustrates the audio system for the Sony CCD-1000 camera. It features a central 10585 IC828 counter and 10585 IC829 comparator. The counter is connected to a 10585 IC829 comparator, which in turn controls four 10585 IC829 comparators (IC829, IC830, IC831, IC832) that manage the audio biasing for both channels (CH1 and CH2). The system includes a 10585 IC829 comparator for the REC signal, which is connected to a 10585 IC829 comparator (IC829) and a 10585 IC829 comparator (IC830). The REC signal is also connected to a 10585 IC829 comparator (IC831) and a 10585 IC829 comparator (IC832). The system includes a 10585 IC829 comparator for the REC signal, which is connected to a 10585 IC829 comparator (IC829) and a 10585 IC829 comparator (IC830). The REC signal is also connected to a 10585 IC829 comparator (IC831) and a 10585 IC829 comparator (IC832). The system includes a 10585 IC829 comparator for the REC signal, which is connected to a 10585 IC829 comparator (IC829) and a 10585 IC829 comparator (IC830). The REC signal is also connected to a 10585 IC829 comparator (IC831) and a 10585 IC829 comparator (IC832).

AR-14A/P  
UVW-1400/1400P

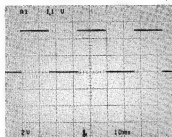




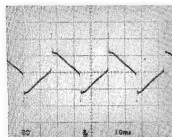


For J,UC

① TP219 EE/REC/PB

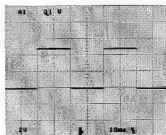


② TP225 PB

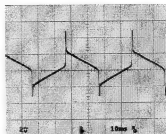


For EK

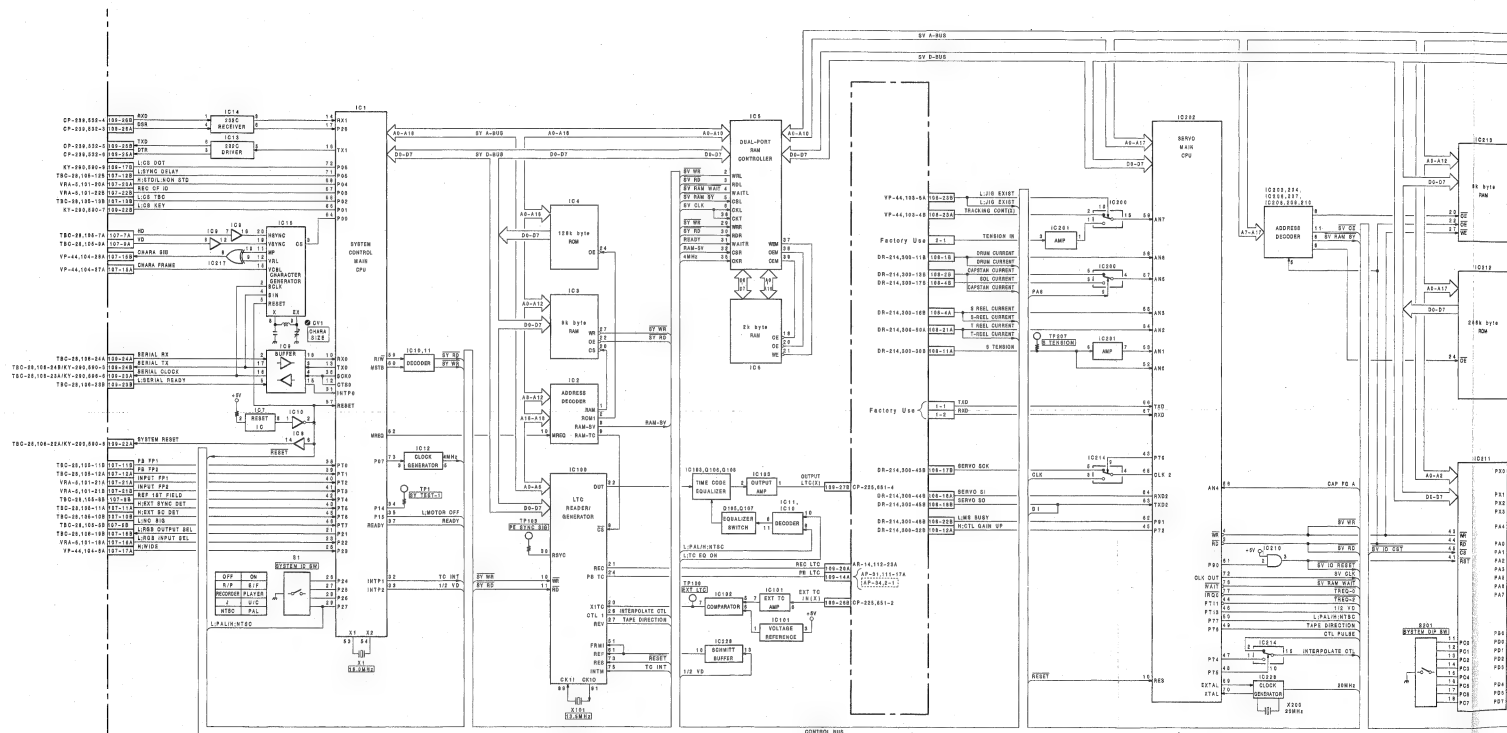
① TP219 EE/REC/PB



② TP225 PB

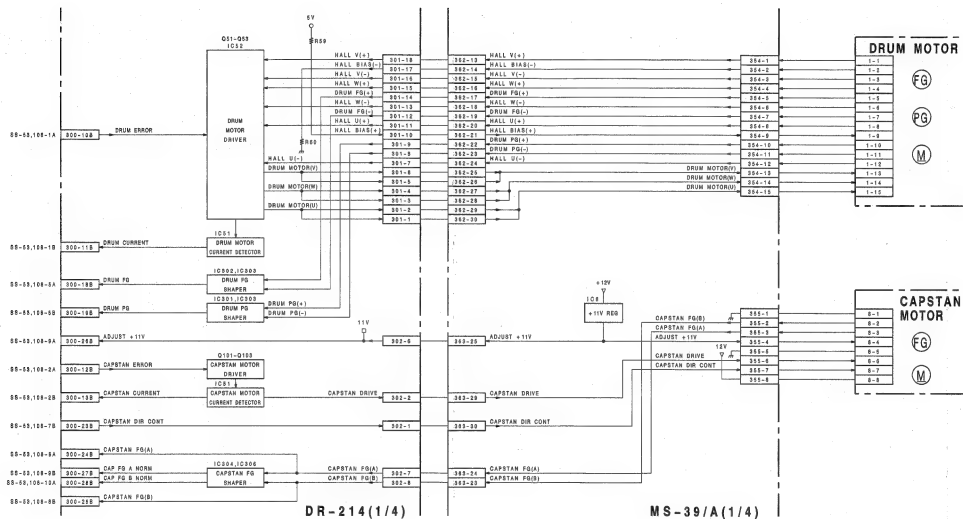


## SYSTEM CONTROL BLOCK





UVW-1400/1400P  
UVW-1200/1200P





MS-39/A(2/4)

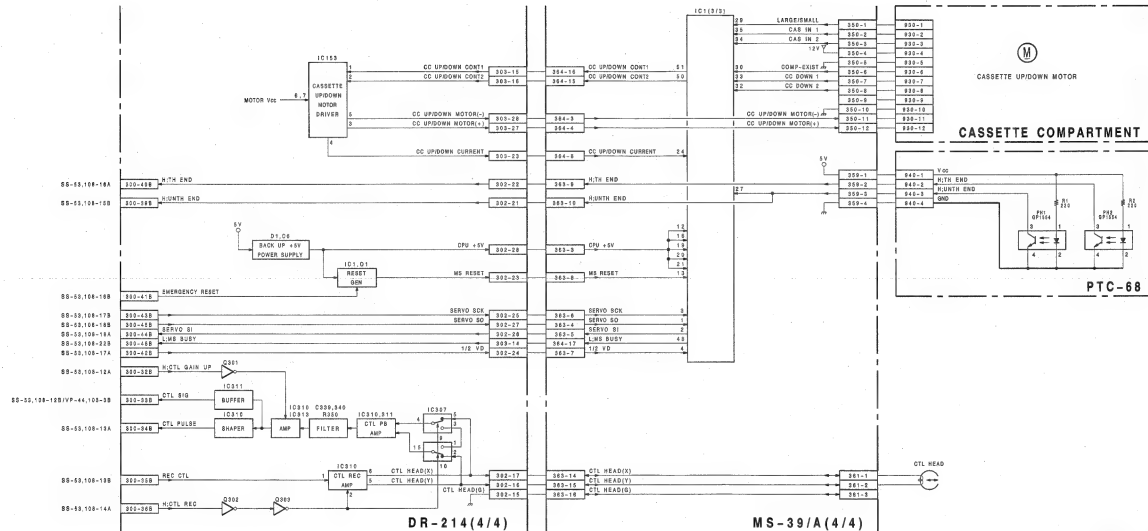
DR-214  
MS-39/A(2/4)

UVW-1400/1400P  
UVW-1200/1200P

MS-39/A(3/4)

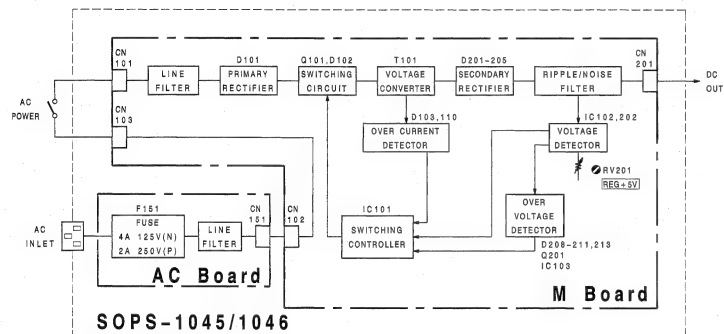
UVW-1400/1400P  
UVW-1200/1200P





DR-214  
MS-39/A(4/4)  
UVW-1400/1400P  
UVW-1200/1200P

POWER SUPPLY



SOPS-1045(1400/1200)  
SOPS-1046(1400P/1200P)

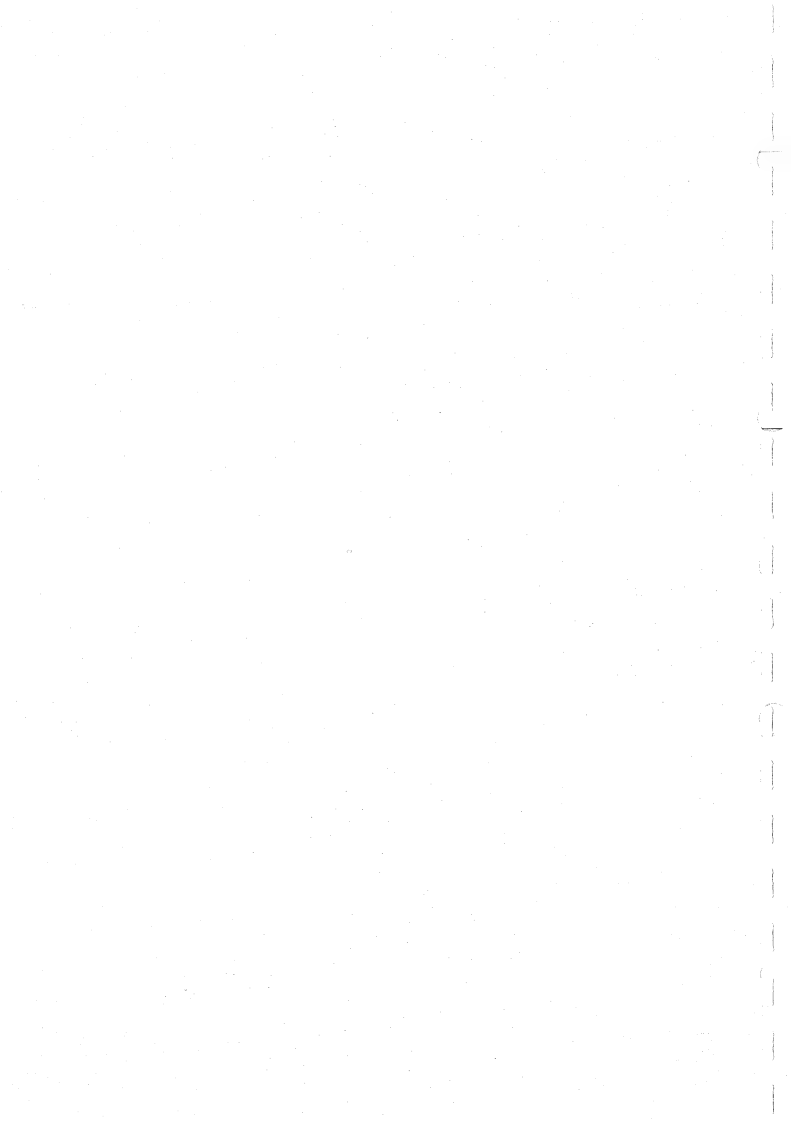
UVW-1400/1400P  
UVW-1200/1200P



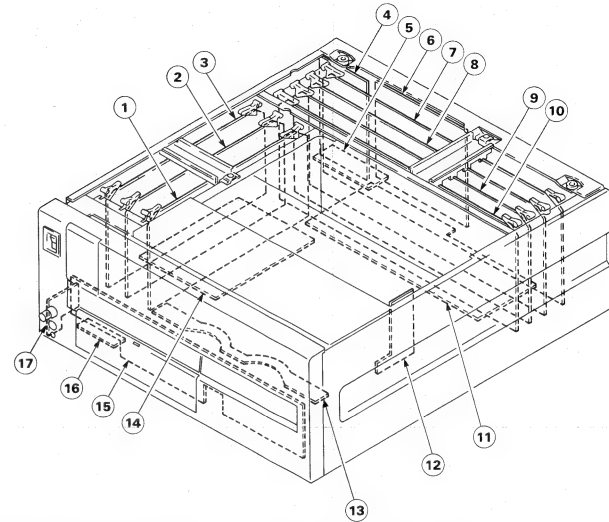
## SECTION 15 BOARD LAYOUTS

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V	VP-44/44A/44P/44AP .....	15-36
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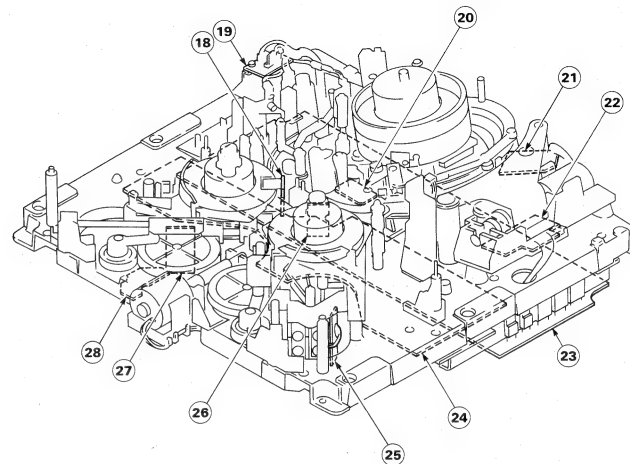
# CIRCUIT FUNCTION



- |   |  |
|---|--|
| ① RP-70B/BP BOARD(UVW-1400/P)           | ; RF REC/PB AMP., FULL ERASE OSC.                  |
| ② AP-31B/BP BOARD(UVW-1400/P)           | ; AUDIO/TC PB AMP., METER DRIVER                   |
| AP-34/P BOARD(UVW-1200/P)               | ; AUDIO/TC PB AMP., RF HEAD AMP.                   |
| ③ AR-14A/AP BOARD(UVW-1400/P)           | ; AUDIO/TC REC AMP., AUDIO BIAS DRIVER             |
| ④ CP-226 BOARD(UVW-1400/P : FOR UC, EK) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226J BOARD(UVW-1400 : FOR J)         | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226A BOARD(UVW-1200/P : FOR UC, EK)  | ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER       |
| CP-226AJ BOARD(UVW-1200 : FOR J)        | ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER       |
| ⑤ CP-239 BOARD                          | ; 25P REMOTE CONNECTOR                             |
| ⑥ CP-225B BOARD(UVW-1400/P)             | ; VIDEO INPUT/OUTPUT CONNECTOR                     |
| CP-225C BOARD(UVW-1200/P)               | ; VIDEO OUTPUT CONNECTOR                           |
| ⑦ VRA-5A/AP BOARD(UVW-1400/P)           | ; Y/C REC PROCESS(Decode, MOD), CTDM(Compress)     |

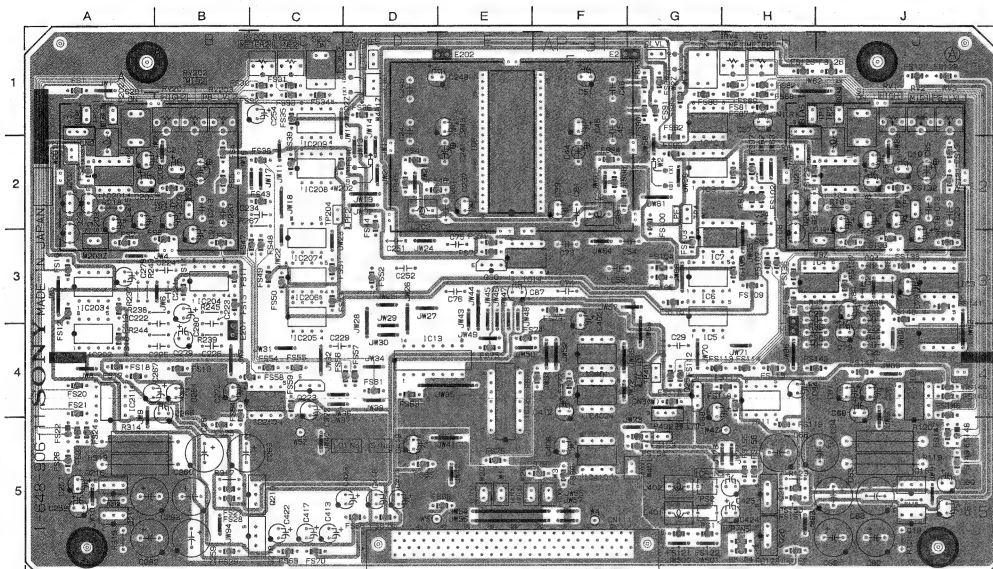
DRMER  
DRMER

- ⑧ VP-44/P BOARD(UVW-1400/P) ; Y/C PB PROCESS(PB RF EQ,DEMOD.,Y-RF ENVELOPE DET),VIDEO  
OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX
- VP-44A/AP BOARD(UVW-1200/P) ; Y/C PB PROCESS(PB RF EQ,DEMOD.,Y-RF ENVELOPE DET),VIDEO  
OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX
- ⑨ TBC-28/P BOARD ; TIME BASE CORRECTOR,CTDM(EXPAND)
- ⑩ SS-53A BOARD ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE  
GENERATOR/READER, CHARACTER GENERATOR
- ⑪ MB-520/P BOARD(UVW-1400/P) ; MOTHER BOARD
- MB-520A/AP BOARD(UVW-1200/P) ; MOTHER BOARD
- ⑫ CL-29 BOARD (CASSETTE COMPARTMENT) ; CASSETTE LOADING BEGIN/NEAR-END SENSOR
- ⑬ PC-70 BOARD (CASSETTE COMPARTMENT) ; CASSETTE IN/LARGE CASSETTE SENSOR
- ⑭ MB-471B BOARD(UVW-1400/P) ; MOTHER BOARD
- ⑮ KY-290 BOARD(UVW-1400/P) ; FUNCTION KEY, FL DISPLAY
- KY-290A BOARD(UVW-1200/P) ; FUNCTION KEY, FL DISPLAY
- ⑯ VR-155 BOARD (UVW-1400/P) ; AUDIO REC LEVEL
- ⑰ HP-61 BOARD ; HEADPHONES JACK/VOLUME CONTROL



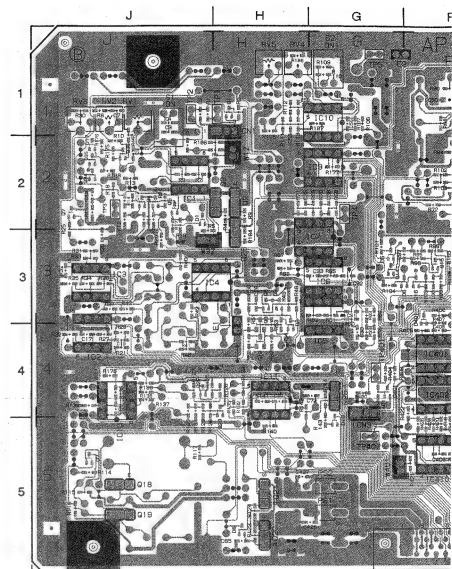
- ⑱ SE-207 BOARD(S SIDE) ; REEL FG
- ⑲ PD-35 BOARD ; PINCH SOLENOID
- ⑳ TR-84 BOARD ; S-TENSION SENSOR
- ㉑ PTC-68 BOARD ; THREAD END/UNTREAD END SENSOR
- ㉒ PTC-67 BOARD ; THREADING FG/MOTOR
- ㉓ DR-214 BOARD ; MOTOR DRIVER,TENSION SENS. AMP., DRUM FG/PG AMP.,  
CAPSTAN FG AMP., CTL, REC/PB AMP.
- ㉔ MS-39 BOARD(UVW-1400/P) ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU,  
DATA STORAGE
- MS-39A BOARD(UVW-1200/P) ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU,  
DATA STORAGE
- ㉕ RM-127 BOARD ; T-REEL MOTOR
- ㉖ SE-207 BOARD(T SIDE) ; REEL FG
- ㉗ RM-126 BOARD ; S-REEL MOTOR
- ㉘ PTC-66 BOARD ; REEL POSITION SENSOR

AP-31B/31BP ; AUDIO/TC PB AMP., METER DRIVER

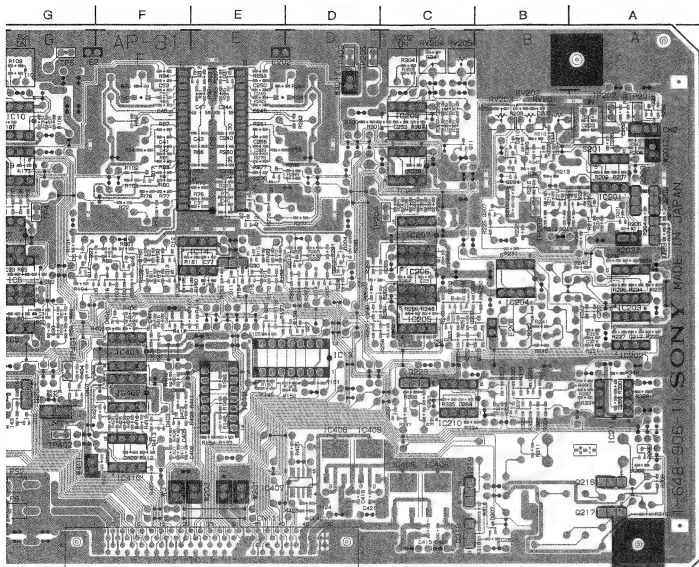


AP-31B 1-648-906-11 A SIDE

UVW-1400 (J) ; Serial No. 10001 through 10420  
 UVW-1400 (UC) ; Serial No. 10001 through 11050  
 UVW-1400P(EK) ; Serial No. 10001 through 11490





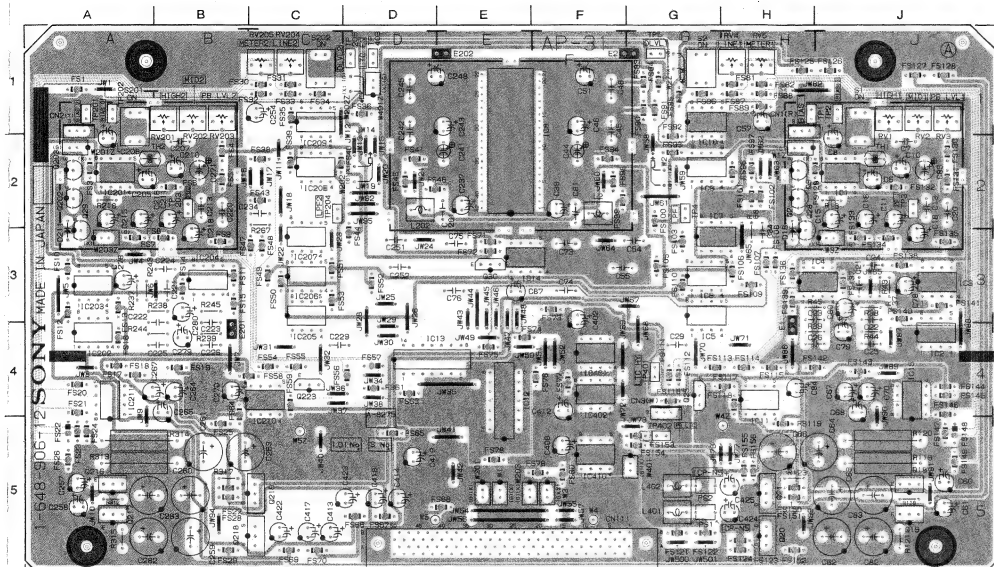


AP-31B 1-648-906-11 B SIDE

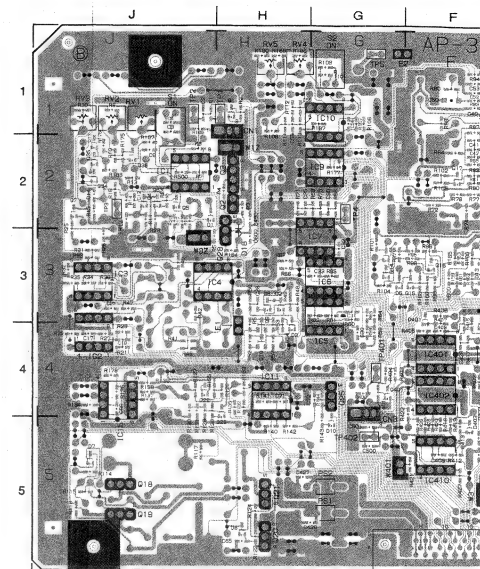
AP-31B/31BP(1-648-906-11)

CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	TH1	J-2
CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	TH2	B-2
CN3	G-4	FS42	C-2	FS123	H-5	Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	Q5	J-2	TP1	H-1
D1	J-2	FS45	D-2	FS125	H-1	Q6	J-2	TP2	J-1
D2	H-3	FS47	C-3	FS127	J-1	Q7	J-2	TP3	J-2
D3	H-4	FS48	C-3	FS127	J-1	Q8	H-3	TP4	G-2
D5	G-3	FS49	C-3	FS128	J-1	Q9	H-4	TP5	G-1
D6	G-3	FS50	C-3	FS130	J-2	Q10	H-4	TP201	A-1
D7	J-5	FS51	C-3	FS131	J-2	Q11	C-2	TP202	A-1
D8	H-5	FS52	D-3	FS131	J-2	Q12	E-2	TP203	B-2
D10	G-5	FS53	C-3	FS133	J-3	Q13	H-1	TP204	C-2
D11	E-3	FS54	C-4	FS134	J-3	Q14	G-3	TP205	D-1
D12	F-3	FS55	C-4	FS135	J-3	Q15	F-3	TP401	G-4
D13	F-3	FS56	D-4	FS136	H-3	Q16	F-3	TP402	G-5
D15	E-3	FS57	D-4	FS136	H-3	Q17	F-2	TP403	D-1
D16	E-3	FS58	C-4	FS137	J-3	Q18	J-5		
D17	J-2	FS59	C-4	FS138	J-3	Q19	J-5		
D18	H-2	FS61	D-4	FS139	H-3	Q20	H-5		
D201	A-2	FS63	D-4	FS141	J-3	Q21	H-5		
D202	C-3	FS64	B-4	FS142	J-4	Q22	J-4		
D203	C-4	FS65	D-5	FS143	J-4	Q23	H-4		
D204	D-3	FS66	D-5	FS144	J-4	Q24	G-4		
D205	D-3	FS67	D-5	FS145	J-4	Q25	G-4		
D206	A-5	FS68	E-5	FS146	J-4	Q26	H-3		
D207	B-5	FS69	C-5	FS147	J-5	Q27	A-3		
D209	C-4	FS70	C-5	FS148	J-5	Q28	E-3		
D210	B-2	FS71	E-3	FS149	J-5	Q29	A-3		
D211	A-3	FS72	E-3	FS150	H-5	Q30	E-3		
D401	F-3	FS73	F-3	FS151	H-5	Q31	J-2		
D403	F-5	FS74	E-4	FS152	H-5	Q32	J-2		
D500	D-5	FS75	E-4	FS153	G-5	Q33	A-1		
E1	H-4	FS76	F-4	FS154	G-5	Q34	A-2		
E2	G-1	FS77	F-4	FS155	H-5	Q35	A-2		
E201	B-4	FS78	E-5	FS156	H-5	Q36	A-2		
E202	E-1	FS79	F-5			Q37	A-2		
FS1	A-1	FS80	F-5	IC1	J-2	Q38	A-2		
FS3	A-2	FS81	H-1	IC2	J-4	Q39	C-3		
FS4	B-2	FS82	H-1	IC3	J-3	Q40	C-3		
FS5	B-2	FS83	H-1	IC4	H-3	Q41	B-4		
FS6	B-2	FS84	G-1	IC5	G-4	Q42	E-1		
FS7	A-3	FS85	G-1	IC6	G-3	Q43	E-1		
FS8	B-3	FS86	G-1	IC7	G-3	Q44	E-1		
FS9	B-3	FS87	H-1	IC8	F-2	Q45	D-3		
FS10	A-3	FS88	H-1	IC9	G-2	Q46	D-2		
FS11	B-3	FS89	H-1	IC10	G-2	Q47	C-14		
FS12	A-3	FS90	H-1	IC11	H-4	Q48	A-2		
FS13	A-3	FS91	G-1	IC12	E-5	Q49	A-2		
FS14	B-3	FS92	G-2	IC13	D-4	Q50	A-2		
FS15	B-3	FS93	G-2	IC14	E-3	Q51	A-2		
FS16	A-4	FS94	F-2	IC15	J-4	Q52	A-2		
FS17	A-4	FS95	H-2	IC201	A-2	Q53	A-2		
FS18	A-4	FS96	H-2	IC202	A-2	Q54	A-2		
FS19	B-4	FS97	F-2	IC203	A-3	Q55	A-2		
FS20	A-4	FS98	F-2	IC204	B-3	Q56	A-2		
FS21	A-4	FS99	A-2	IC205	C-4	Q57	A-2		
FS22	A-5	FS100	G-2	IC206	C-3	Q58	A-2		
FS23	A-5	FS101	H-2	IC206	C-3	Q59	A-2		
FS24	A-5	FS102	H-2	IC207	C-3	Q60	A-2		
FS25	B-5	FS103	G-3	IC208	C-2	Q61	A-2		
FS26	B-5	FS104	G-3	IC209	A-2	Q62	A-2		
FS27	B-5	FS105	G-3	IC210	C-4	Q63	A-2		
FS28	B-5	FS106	H-3	IC211	A-4	Q64	A-2		
FS29	B-5	FS107	H-3	IC211	A-4	Q65	A-2		
FS30	C-1	FS108	H-3	IC401	F-4	Q66	H-1		
FS31	C-1	FS109	H-3	IC402	F-4	Q67	B-1		
FS32	B-6	FS109	H-3	IC405	C-5	Q68	RV201	B-1	
FS33	B-6	FS110	G-3	IC406	D-5	Q69	RV202	B-1	
FS34	C-1	FS111	G-3	IC407	D-5	Q70	RV203	B-1	
FS35	C-1	FS112	G-4	IC408	C-5	Q71	RV204	C-1	
FS36	C-1	FS113	G-4	IC409	D-5	Q72	RV205	C-1	
FS37	C-1	FS114	H-4	IC410	F-5				
FS38	C-1	FS115	H-4			S1	J-1		
FS39	C-1	FS116	C-4	PS1	G-5	S2	G-1		
FS40	D-1	FS117	H-4	PS2	G-5	S201	A-1		
FS43	C-2	FS118	H-4			S202	C-1		
FS49	C-2	FS119	H-5	Q1	H-1				

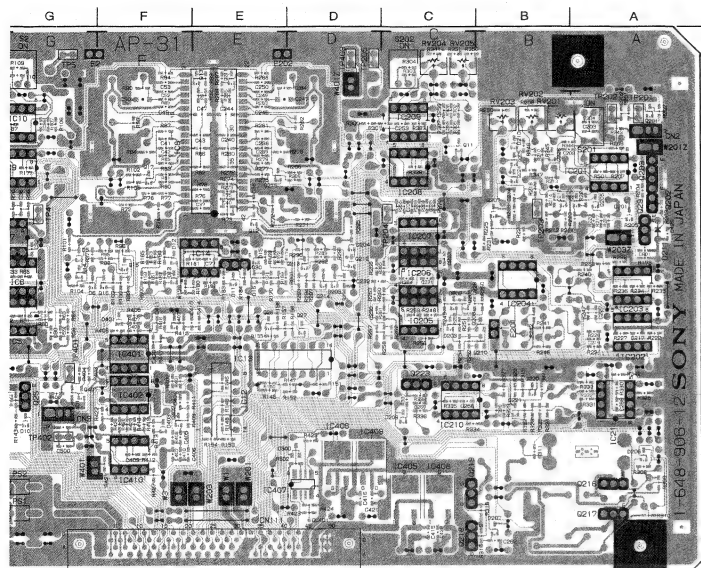
AP-31B/31BP ; AUDIO/TC PB AMP., METER DRIVER



AP-31B 1-648-906-12 A SIDE



UVW-1400 (J) ; Serial No. 10421 and higher  
 UVW-1400 (UC) ; Serial No. 11051 and higher  
 UVW-1400P(EK) ; Serial No. 11491 and higher



AP-31B 1-648-906-12 B SIDE

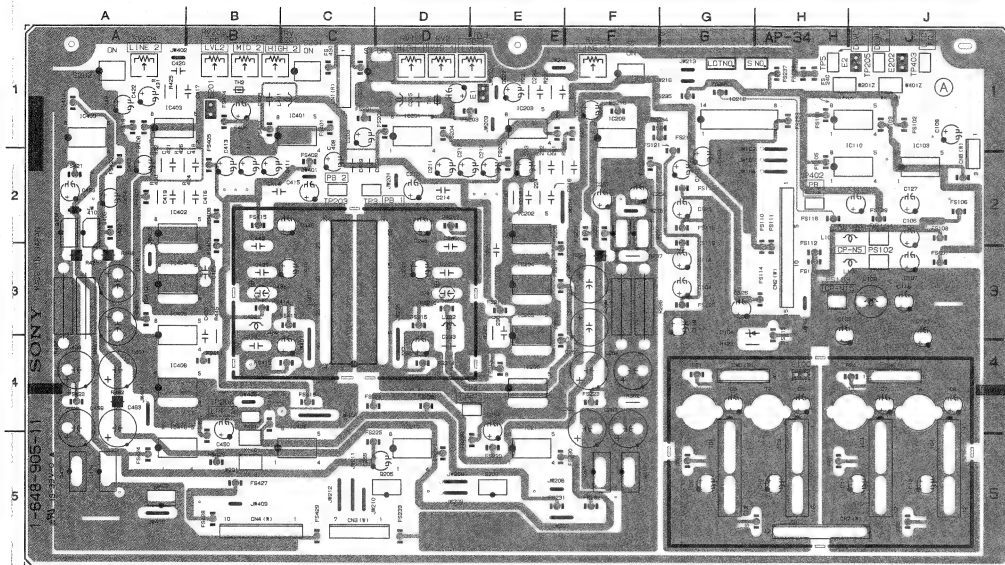
AP-31B/31BP (1-648-906-12)

CN1	H-1	F540	C-2	F5121	G-5	W01	H-1	S202	C-1
CN2	A-1	F541	D-2	F5122	G-5	Q2	H-2		
CN3	H-1	F542	C-2	F5123	H-5	Q3	H-2		
CN111	E-2	F543	P N	F5124	H-5	Q5	J-2	TH1	A-5
		F544	D-3	F5125	H-1	Q5	J-2		
•D1	J-2	F545	D-2	F5126	H-1	Q6	J-2		
•D2	H-3	F546	D-2	F5127	J-1	Q7	J-2	TP2	J-1
•D3	H-4	F547	C-3	F5128	J-1	Q8	H-3	TP3	H-1
•D5	G-3	F548	C-3	F5129	H-1	Q9	H-3	TP4	G-1
•D6	H-3	F549	C-3	F5129	H-1	Q10	H-3	TP5	G-1
•D7	J-5	F550	C-3	F5130	J-2	Q11	H-2	TP20	A-1
•D8	G-5	F551	C-3	F5131	J-2	Q12	H-2	TP202	A-1
•D10	G-5	F552	D-3	F5132	J-2	Q13	E-1	TP203	B-2
•D11	E-3	F553	C-4	F5133	J-3	Q14	H-2	TP204	A-1
•D12	F-3	F554	C-4	F5134	J-3	Q15	F-3	TP205	D-1
•D13	F-3	F555	C-4	F5135	J-3	Q16	F-3	TP401	G-4
•D14	E-3	F556	C-4	F5136	J-3	Q17	F-3	TP402	G-4
•D15	E-3	F557	C-4	F5137	J-3	Q18	J-5		
•D17	J-2	F558	C-4	F5138	J-3	Q19	H-5		
•D18	H-3	F559	C-4	F5139	H-3	Q20	H-5		
•D202	A-2	F561	D-4	F5140	J-3	Q21	H-5		
•D203	C-3	F563	D-4	F5141	J-3	Q22	H-5		
•D203	C-4	F564	B-4	F5142	J-4	Q23	H-5		
•D204	D-3	F565	D-5	F5143	J-4	Q24	G-4		
•D205	D-3	F566	D-5	F5144	J-4	Q25	G-4		
•D206	A-5	F567	D-5	F5145	J-4	Q26	A-5		
•D207	B-5	F568	D-5	F5146	J-4	Q27	B-5		
•D209	A-4	F569	C-5	F5147	J-5	Q28	H-3		
•D210	B-2	F570	C-5	F5148	J-5	Q29	A-3		
•D211	A-3	F571	C-5	F5149	J-5	Q30	A-3		
•D401	F-3	F572	E-3	F5150	H-5	Q34	J-2		
•D403	F-3	F573	F-3	F5151	H-5	Q35	J-2		
•D404	D-3	F574	F-3	F5152	H-5	Q36	J-2		
		F575	E-4	F5153	G-5	Q39	A-1		
E1	H-4	F576	E-4	F5154	G-5	Q40	A-1		
E2	G-1	F577	F-4	F5155	H-5	Q42	B-2		
E201	B-4	F578	E-5	F5156	H-5	Q43	B-2		
E202	E-1	F579	E-5	F5157	H-5	Q44	B-2		
		F580	F-5	IC1	J-2	Q45	B-2		
F31	A-1	F581	H-1	IC2	J-1	Q207	A-2		
F33	A-2	F582	H-1	IC3	H-3	Q28	B-2		
F34	B-2	F583	G-1	IC4	H-3	Q29	B-4		
F35	B-2	F584	G-1	IC5	G-4	Q30	B-4		
F36	B-2	F585	G-1	IC6	H-3	Q31	B-4		
F37	A-3	F586	G-1	IC7	G-3	Q32	D-3		
F38	B-3	F587	H-1	IC8	E-2	Q33	D-3		
F39	B-3	F588	H-1	IC9	G-2	Q34	D-3		
F40	A-3	F589	H-1	IC10	E-2	Q35	A-5		
F41	B-3	F590	G-1	IC11	H-4	Q36	A-5		
F42	B-3	F591	G-1	IC12	E-5	Q37	A-5		
F43	A-3	F592	G-2	IC13	H-3	Q38	A-5		
F44	B-3	F593	G-2	IC14	E-3	Q39	C-5		
F45	B-3	F594	F-2	IC15	F-4	Q40	B-5		
F46	H-4	F595	H-2	IC201	A-2	Q2			
F47	A-4	F597	H-2	IC202	A-4	Q23	C-4		
F48	A-4	F598	F-2	IC203	A-3	Q22	B-2		
F49	B-4	F599	F-2	IC204	A-3	Q225	C-3		
F50	A-4	F600	G-2	IC205	C-4	Q226	B-2		
F51	A-4	F601	H-2	IC206	C-3	Q401	A-5		
F52	A-5	F602	H-2	IC207	C-3	Q402	F-5		
F53	A-5	F603	G-3	IC208	C-2	Q403	F-3		
F54	A-5	F604	G-3	IC209	C-2	Q404	F-3		
F55	B-5	F606	H-3	IC210	C-4	RV1	J-1		
F56	A-5	F607	H-3	IC211	A-4	RV2	J-1		
F57	B-5	F608	H-3	IC212	A-4	RV3	J-1		
F58	B-5	F609	H-3	IC402	F-4	RV4	H-1		
F59	H-1	F610	G-3	IC401	G-4	RV5	H-1		
F60	C-1	F611	G-3	IC402	G-4	RV201	A-1		
F61	C-1	F612	G-4	IC407	D-5	RV202	B-1		
F62	C-1	F613	G-4	IC408	D-5	RV203	A-1		
F63	C-1	F614	H-4	IC409	D-5	RV204	C-1		
F64	C-1	F615	H-4	IC410	F-5	RV205	C-1		
F65	C-1	F616	G-4						
F66	D-1	F617	H-4	PS1	G-5	S1	J-1		
F68	D-1	F618	H-4	PS2	G-5	S2	G-1		
F69	C-2	F619	H-4			S201	A-1		
F399	C-2								

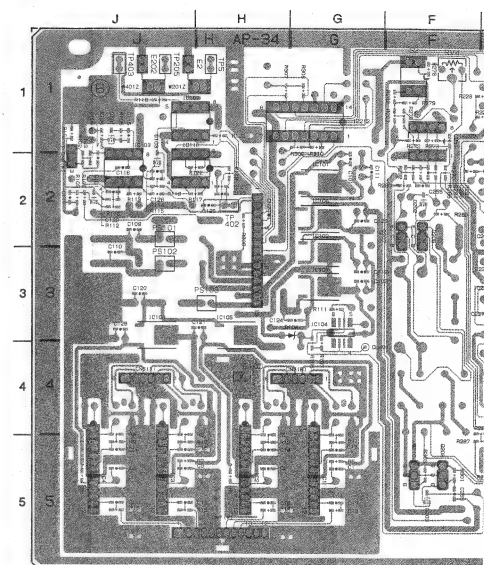
※ : B SIDE  
P : UVW-1400P ONLY  
N : UVW-1400 ONLY

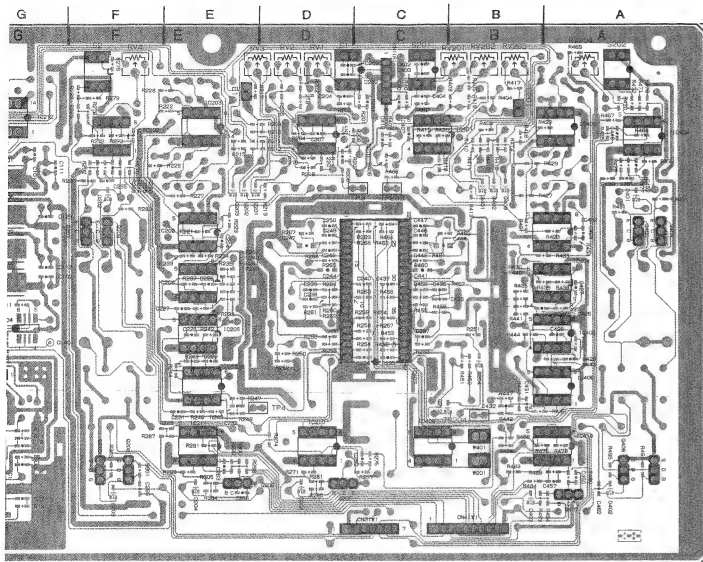
UVW-1400  
UVW-1400P

AP-34/34P; AUDIO/TC PB AMP., RF HEAD AMP.



AP-34 1-648-905-11 A SIDE





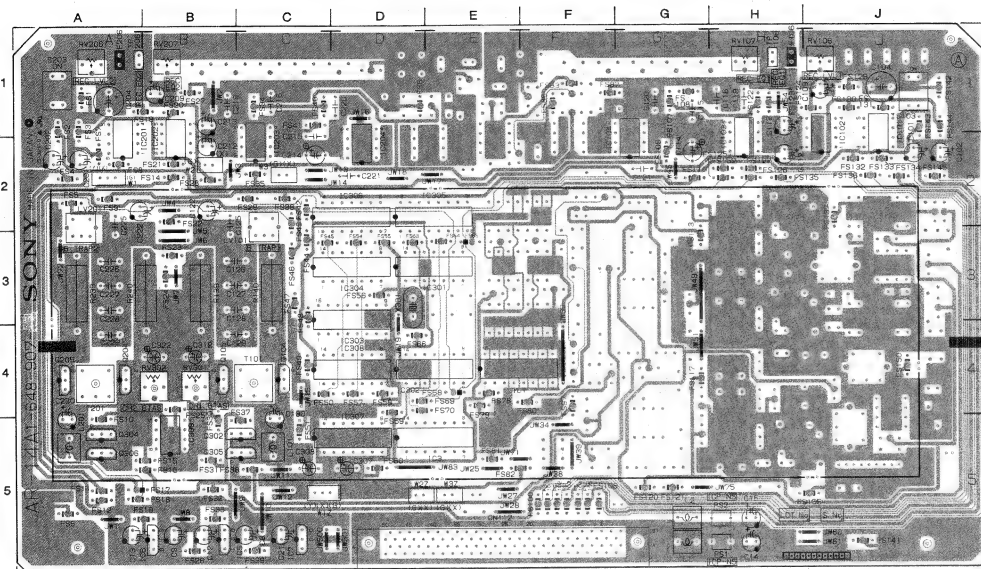
AP-34 1-648-905-11 B SIDE

AP-34/34P(1-648-905-11)

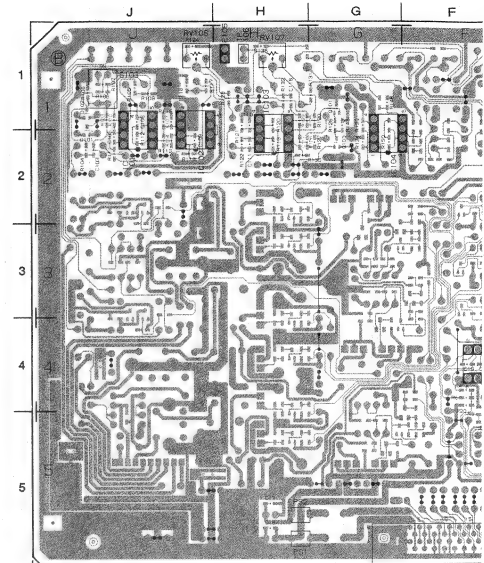
CN1	C-1	FS224	C-4	IC405	A-4
CN2	H-3	FS225	C-5	IC406	A-4
CN3	C-5	FS226	D-4	IC407	D-4
CN4	B-5	FS227	D-5	IC408	C-5
CN5	G-4	FS228	E-5	IC409	A-2
CN6	J-4	FS229	E-5	IC410	A-5
CN7	H-5	FS230			
CN8	J-2	FS231	E-5	PS101	J-2
		FS232	F-5	PS102	J-3
•D101	J-1	FS233	D-5	PS103	H-3
•D103	J-2	FS234	G-1		
D104	G-3	FS235	G-1	•Q101	J-2
•D201	D-3	FS236	G-1	•Q201	E-2
•D202	F-2	FS237	H-1	•Q202	E-2
•D203	F-5	FS238	H-1	•Q203	E-2
•D204	E-5	FS239	H-1	•Q204	B-4
•D401	A-2	FS240	H-1	Q205	D-5
•D402	A-5	FS401	C-1	Q206	F-2
•D403	B-5	FS402	C-2	Q207	F-2
E1	E-1	FS403	B-1	Q208	F-5
E2	J-1	FS404	B-1	Q209	E-5
E100	H-4	FS405	B-2	Q210	F-5
E201	B-1	FS406	A-1	•Q212	C-4
E202	J-1	FS407	A-2	•Q401	B-2
		FS408	B-2	•Q402	B-2
		FS409	B-3	•Q403	B-2
FS1	G-4	FS410	A-3	Q404	A-2
FS2	G-5	FS411	B-4	Q405	A-2
FS3	H-5	FS412	C-4	Q406	A-5
FS4	J-4	FS413	C-3	Q407	A-5
FS5	H-5	FS414	B-3	Q408	A-5
FS6	J-5	FS415	B-2		
FS101	J-2	FS416	C-4	RV1	D-1
FS102	J-1	FS417	B-4	RV2	D-1
FS103	J-1	FS418	A-1	RV3	E-1
FS104	H-1	FS419	A-1	RV4	F-1
FS105	H-2	FS420	A-2	RV201	B-1
FS106	J-2	FS421	A-2	RV202	B-1
FS107	J-3	FS422	A-2	RV203	B-1
FS108	J-2	FS423	A-4	RV204	A-1
FS109	J-2	FS424	A-5		
FS110	H-3	FS425	B-5	S1	D-1
FS111	H-3	FS426	B-5	S2	F-1
FS112	H-3	FS427	B-5	S201	C-1
FS113	H-3	FS428	B-5	S202	A-1
FS114	H-3	FS429	C-5		
FS115	H-3	FS430	C-1	TH1	D-1
FS116	H-2			TH2	B-1
FS117	G-2	IC1	G-4		
FS118	G-2	IC2	H-4	TP3	C-2
FS119	G-2	IC3	J-4	TP4	E-4
FS120	G-3	IC4	J-4	TP5	H-1
FS121	G-1	•IC101	G-2	TP203	C-2
FS201	C-1	•IC102	G-3	TP204	B-4
FS202	D-1	IC103	J-2	TP205	J-1
FS203	E-1	•IC104	G-4	TP402	H-2
FS204	D-1	•IC105	H-3	TP403	J-1
FS205	E-2	•IC106	G-2		
FS206	E-1	•IC107	G-3		
FS207	F-1	•IC108	J-3		
FS208	C-1	IC109	H-1		
FS209	E-3	IC110	H-2		
FS210	E-3	IC201	D-1		
FS211	E-3	IC202	E-3		
FS212	E-4	IC203	E-1		
FS213	E-4	IC204	E-3		
FS214	D-4	IC205	E-4		
FS215	D-3	IC206	E-4		
FS216	D-3	IC209	F-2		
FS217	D-2	IC210	D-5		
FS218	F-1	IC211	E-5		
FS219	G-1	IC212	G-1		
FS220	F-2	IC401	C-1		
FS221	F-2	IC402	A-3		
FS222	F-2	IC403	A-1		
FS223	F-4	IC404	A-3		

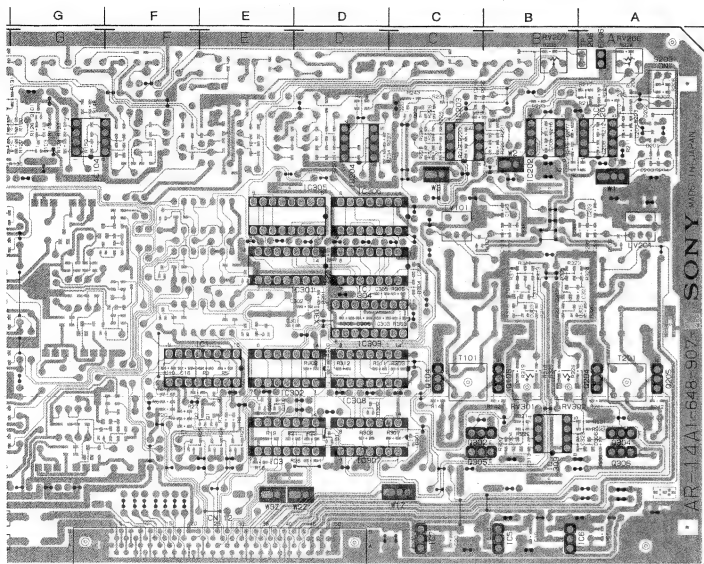
• : B SIDE

AR-14A/14AP ; AUDIO/TC REC AMP., AUDIO BIAS DRIVER



AR-14A 1-648-907-21,22 A SIDE





AR-14A 1-648-907-21,22 B SIDE

AR-14A/14AP (1-648-907-21,22)

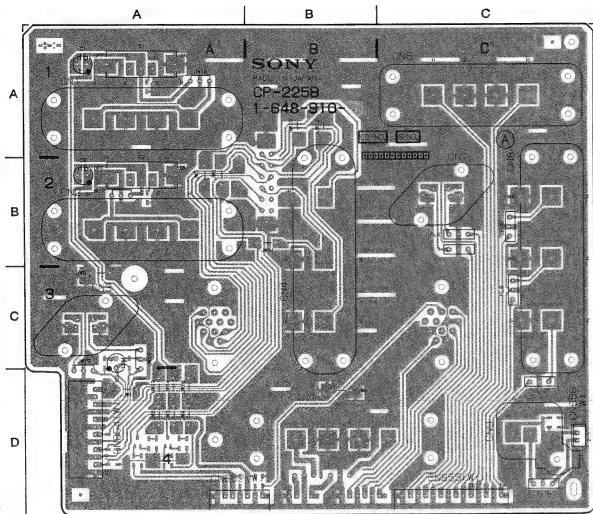
CN112	E-5	FS59	D-4	FS137	J-2	RV302	B-4
•D1	D-5	FS60	D-5	FS138	N J-3	S103	J-1
•D101	J-2	FS61	D-1	FS139	N J-3	S203	A-1
•D102	J-1	FS62	N E-1	FS140	N J-5	•TH1	G-2
•D103	C-3	FS63	D-3	FS141	J-5	•TH2	C-2
•D201	A-2	FS64	E-3	FS142	J-1	TP106	H-1
•D202	A-1	FS65	E-3	FS143	J-1	TP206	A-1
•D203	A-3	FS66	D-4	FS144	J-2	X301	D-3
•D301	C-5	FS67	E-4	FS145	J-2		
•D302	D-4	FS68	E-4	FS146	N J-2		
•D303	B-3	FS69	D-4	FS147	N J-2		
•D304	B-5	FS70	D-4	FS148	N J-3		
•D305	B-3	FS71	N E-1	FS149	N J-3		
•D306	A-5	FS72	N E-1	FS150	J-4		
		FS73	N E-2	FS151	H-2		
		FS74	N E-3	FS152	H-2		
		FS75	N F-3	FS153	N E-1		
		FS76	N E-3	FS154	N F-1		
E106	H-1	FS77	N F-3	FS155	J-5		
E206	A-1	FS78	E-4	FS156	N J-4		
		FS79	E-4				
FS1	A-1	FS80	F-4				
FS2	A-1	FS81	E-5	IC1	E-4		
FS3	A-1	FS82	E-5	IC3	D-5		
FS4	A-2	FS83	F-1	IC5	B-5		
FS5	A-2	FS84	N F-1	IC6	B-5		
FS6	A-5	FS85	F-1	IC7	C-5		
FS7	A-2	FS86	N F-1	IC101	J-2		
FS8	A-2	FS87	F-1	IC102	J-2		
FS9	A-2	FS88	N F-2	IC103	H-2		
FS10	A-5	FS89	N F-2	IC104	G-2		
FS11	A-5	FS90	N F-2	IC201	A-2		
FS12	A-5	FS91	N F-3	IC202	B-2		
FS13	B-1	FS92	N F-3	IC203	C-2		
FS14	B-2	FS93	N F-3	IC204	D-2		
FS15	B-5	FS94	N F-4	IC301	D-3		
FS16	B-5	FS95	N F-4	IC302	D-4		
FS17	A-5	FS96	N F-4	IC303	C-4		
FS18	A-5	FS97	F-4	IC304	C-3		
FS19	A-5	FS98	N F-5	IC305	D-3		
FS20	B-1	FS99	N F-5	IC306	C-3		
FS21	B-2	FS100	F-5	IC307	C-5		
FS22	B-2	FS101	F-5	IC308	C-4		
FS23	B-3	FS102	F-5	IC309	B-5		
FS24	B-3	FS103	F-5				
FS25	B-4	FS104	F-5	LV101	C-2		
FS26	B-5	FS105	F-5	LV201	A-2		
FS27	B-1	FS106	F-5				
FS28	B-2	FS107	G-1	PS1	H-5		
FS29	C-2	FS108	G-1	PS2	H-5		
FS30	B-5	FS109	G-2				
FS31	B-5	FS110	G-2	•Q1	E-5		
FS32	B-5	FS111	N G-2	•Q2	E-5		
FS33	B-5	FS112	N G-2	•Q3	N E-5		
FS34	C-1	FS113	G-3	•Q4	N E-5		
FS35	C-2	FS114	G-3	•Q5	F-5		
FS36	C-2	FS115	N G-3	•Q101	G-1		
FS37	C-5	FS116	N G-4	•Q102	E-4		
FS38	C-5	FS117	G-4	•Q103	G-2		
FS39	C-5	FS118	N G-4	O104	C-4		
FS40	C-1	FS119	G-5	O105	B-4		
FS41	C-1	FS120	G-5	•Q201	C-1		
FS42	C-2	FS121	G-5	•Q202	E-4		
FS43	C-2	FS122	H-1	•Q203	C-1		
FS44	C-3	FS123	H-1	O204	A-4		
FS45	C-3	FS124	J-1	O205	A-4		
FS46	C-3	FS125	H-2	•Q301	B-3		
FS47	C-3	FS126	H-2	O302	C-5		
FS48	C-3	FS127	H-2	•Q303	B-3		
FS49	C-4	FS128	N H-4	O304	A-5		
FS50	C-4	FS129	J-1	O305	C-5		
FS51	C-5	FS130	J-1	O306	A-5		
FS52	N D-1	FS131	J-1				
FS54	D-3	FS132	J-2	RV106	J-1		
FS55	D-3	FS133	J-2	RV107	H-1		
FS56	D-3	FS134	J-2	RV206	A-1		
FS57	D-4	FS135	H-2	RV207	B-1		
FS58	D-4	FS136	J-2	RV301	B-4		

\* : B SIDE

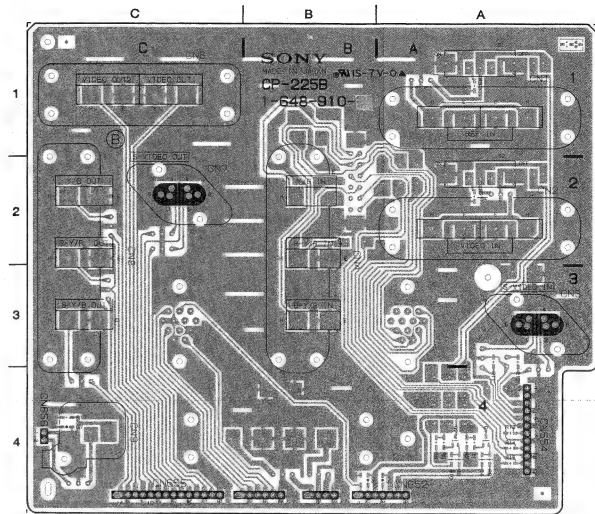
N : UVW-1400 ONLY



## CP-225B ; VIDEO INPUT/OUTPUT CONNECTOR

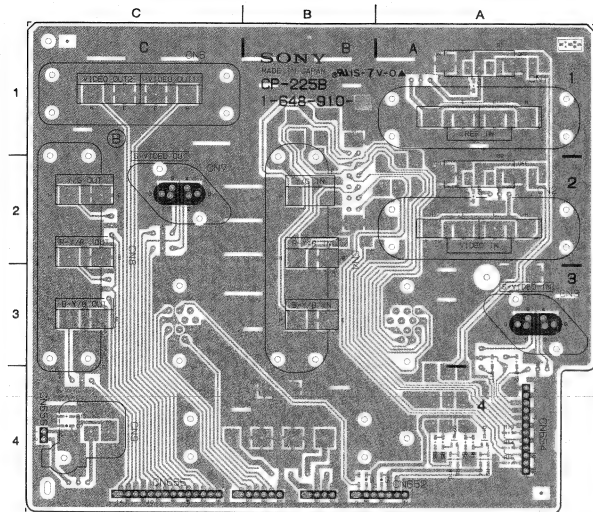


CP-225B 1-648-910-31,32 A SIDE



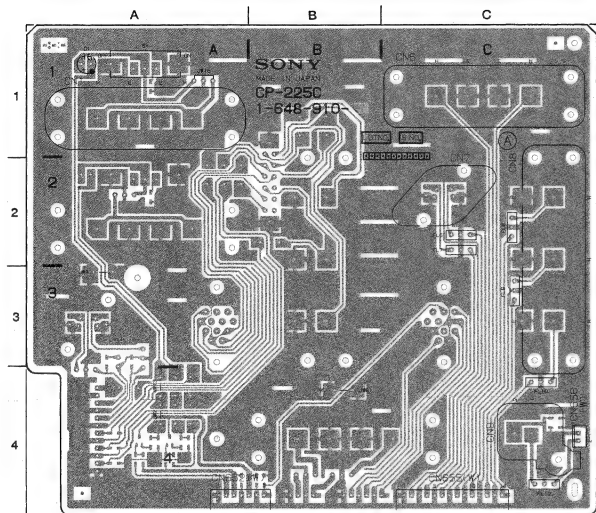
CP-225B 1-648-910-31,32 B SIDE



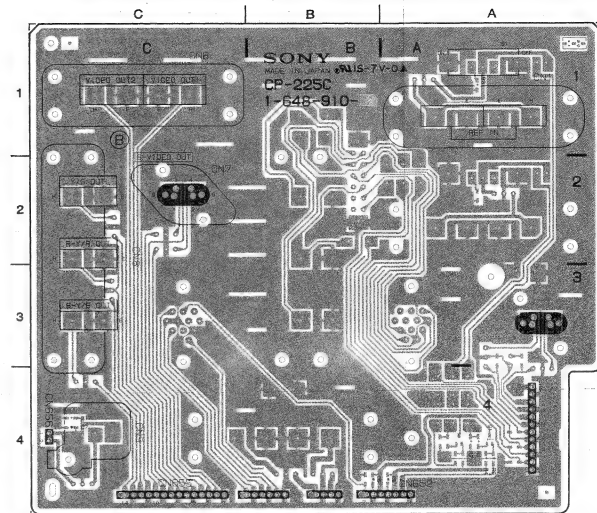


CP-225B 1-648-910-31,32 B SIDE

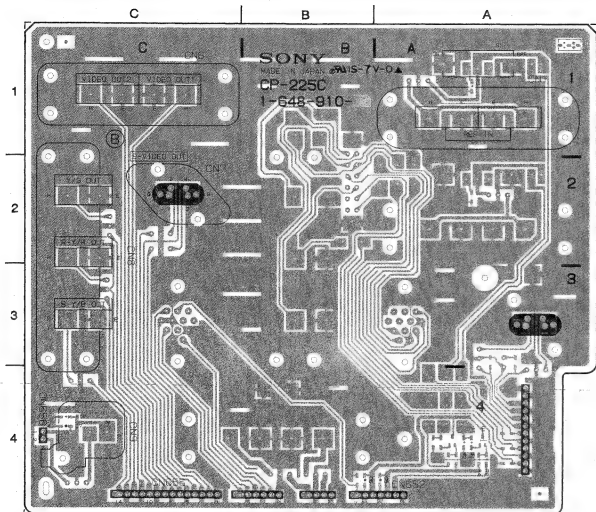
## CP-225C ; VIDEO OUTPUT CONNECTOR



CP-225C 1-648-910-41,42 A SIDE

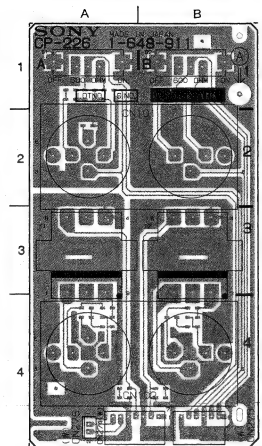


CP-225C 1-648-910-41,42 B SIDE

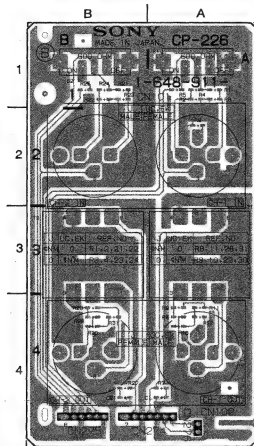


CP-225C 1-648-910-41,42 B SIDE

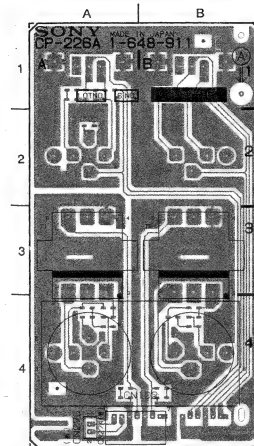
CP-226 : AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR UC, EK)  
 CP-226J : AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR J)  
 CP-226A : AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR UC, EK)  
 CP-226AJ : AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER(FOR J)



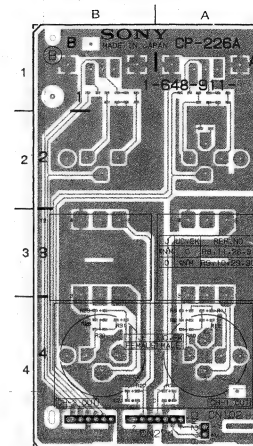
CP-226/226J 1-648-911-11,12 A SIDE



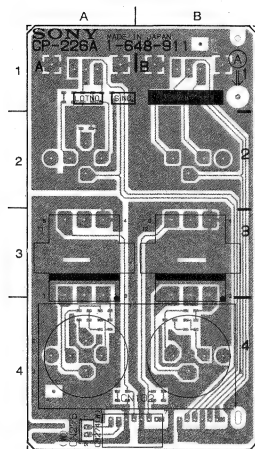
CP-226/226J 1-648-911-11,12 B SIDE



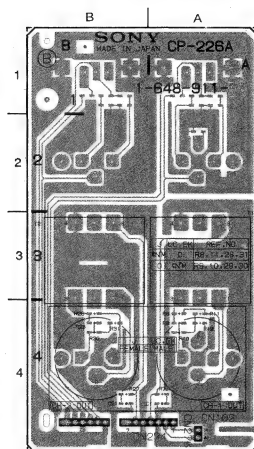
CP-226A/226AJ 1-648-911-21,22 A SIDE



CP-226A/226AJ 1-648-911-21,22 B SIDE



CP-226A/226AJ 1-648-911-21,22 A SIDE



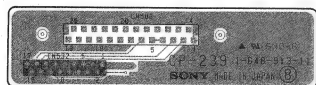
CP-226A/226AJ 1-648-911-21,22 B SIDE



CP-239 ; 25P REMOTE CONNECTOR

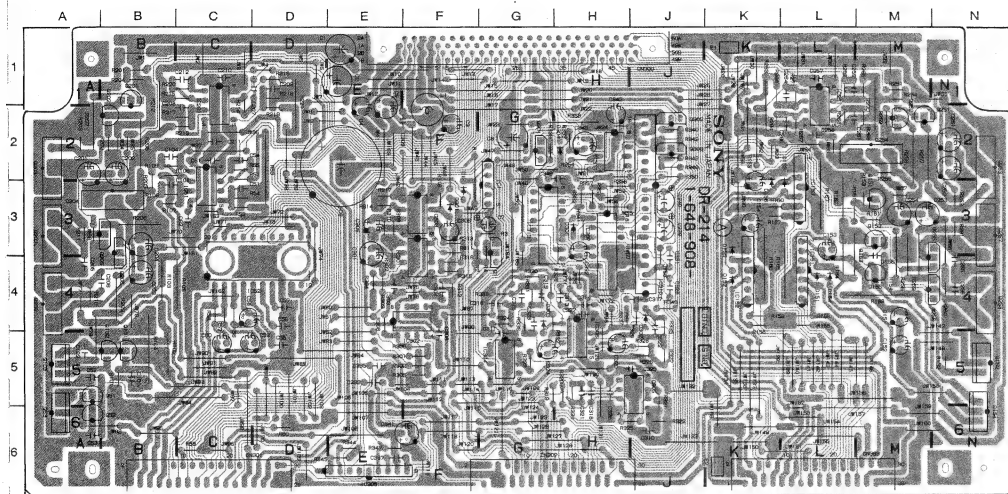


CP-239 1-648-913-11 A SIDE

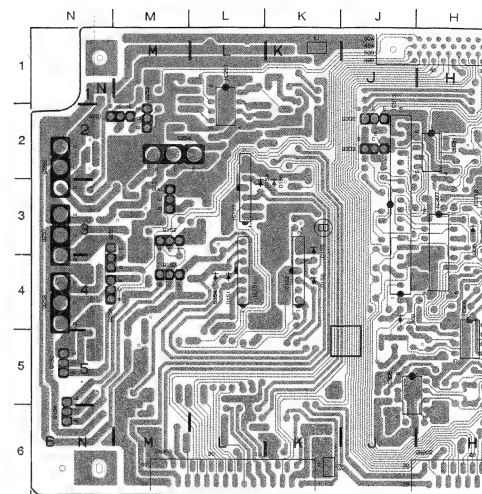


CP-239 1-648-913-11 B SIDE

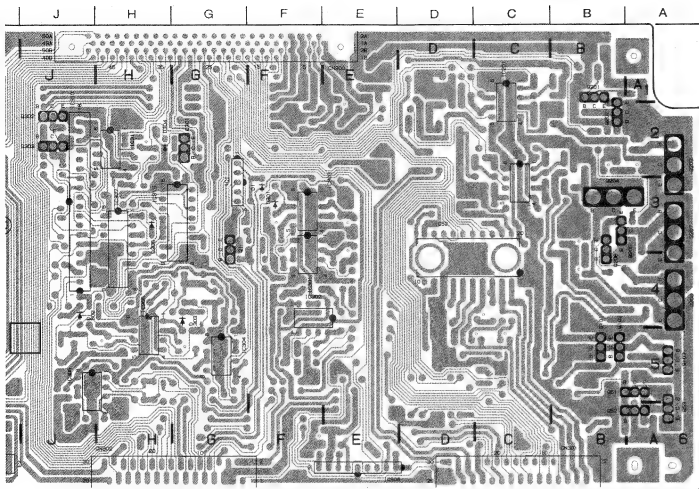
DR-214; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP., CAPSTAN FG AMP., CTL REC/PB AMP.



DR-214 1-648-908-11,12 A SIDE







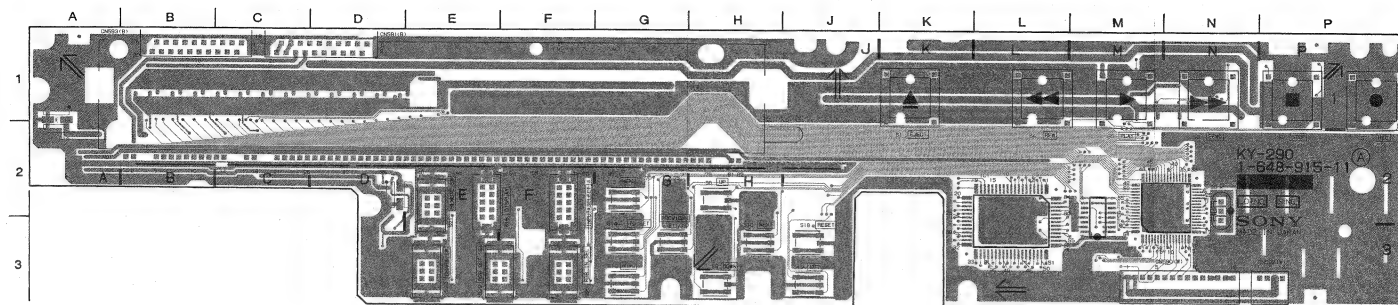
DR-214 1-648-908-11,12 B SIDE

DR-214 (1-648-908-11,12)

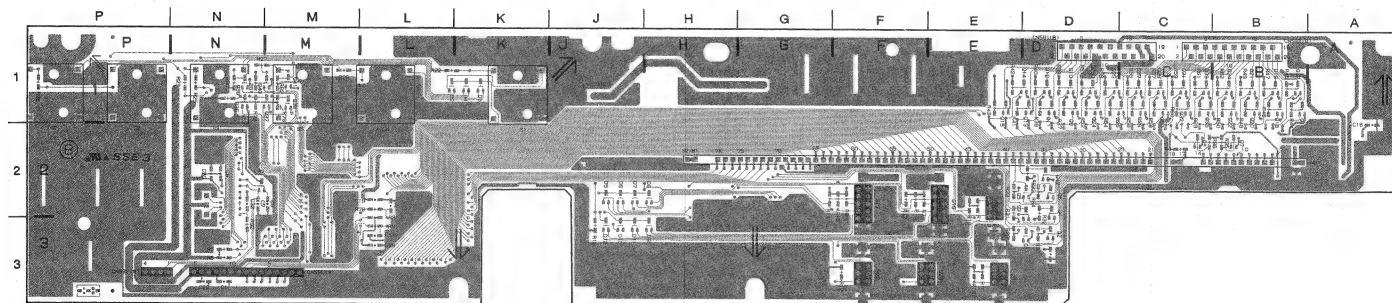
CN300	H-1
CN301	G-5
CN302	H-5
CN303	L-5
D1	G-2
D151	L-3
D152	K-3
D153	L-2
D154	M-3
D155	K-3
D156	L-2
D301	G-2
D302	J-4
D303	H-4
D304	H-2
D306	H-3
E1	K-1
E2	K-5
IC1	G-2
IC51	C-2
IC52	D-3
IC151	L-4
IC152	L-4
IC153	L-2
IC201	C-1
IC251	L-1
IC301	F-3
IC302	F-4
IC303	F-2
IC304	G-4
IC305	J-5
IC306	H-4
IC307	J-2
IC308	E-5
IC310	J-3
IC311	J-1
IC313	H-2
Q1	G-3
Q51	B-5
Q52	B-5
Q53	B-5
Q101	B-4
Q102	B-4
Q103	B-4
Q151	M-2
Q152	N-4
Q153	M-3
Q154	N-5
Q155	M-3
Q201	B-1
Q202	B-1
Q203	B-2
Q204	B-2
Q205	B-3
Q206	B-3
Q207	B-3
Q208	B-4
Q251	N-1
Q252	N-1
Q253	N-2
Q254	M-2
Q255	N-3
Q256	N-3
Q257	N-3
Q258	N-4
Q301	H-2
Q302	K-1
Q303	K-2

\* : B SIDE

## KY-290 ; FUNCTION KEY, FL DISPLAY



KY-290 1-648-915-11 A SIDE



KY-290 1-648-915-11 B SIDE

KY-290(1-64

CN590  
CN591  
CN592  
CN593

\*D1  
\*D2  
\*D3  
\*D4  
\*D5  
\*D6  
\*D7  
\*D8  
\*D9  
\*D10  
\*D11  
\*D12

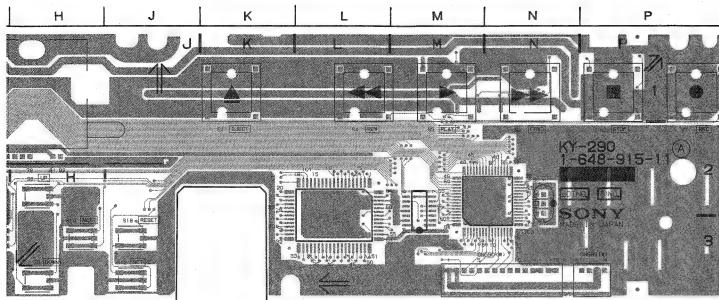
IC1  
IC3  
IC6

ND1

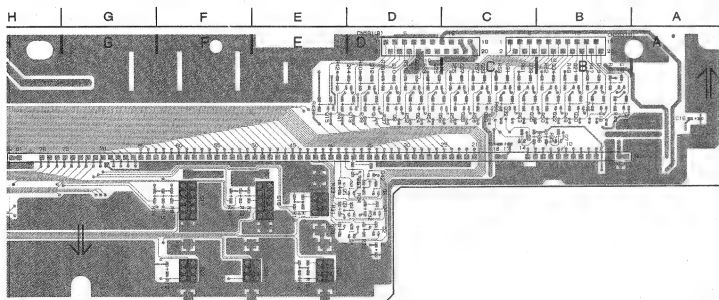
\*Q1  
\*Q2  
\*Q3  
\*Q4  
\*Q5  
\*Q6  
\*Q7  
\*Q8  
\*Q9  
\*Q10  
\*Q11  
\*Q12  
\*Q13  
\*Q14  
\*Q15  
\*Q16  
\*Q17  
\*Q18  
\*Q19  
\*Q20  
\*Q21  
\*Q22  
\*Q23  
\*Q24  
\*Q25  
\*Q26  
\*Q27  
\*Q28  
\*Q29  
\*Q30  
\*Q31  
\*Q32  
\*Q33  
\*Q34  
\*Q35  
\*Q36  
\*Q37  
\*Q38  
\*Q39  
\*Q40  
\*Q42

B1  
B2  
B3  
B4  
B5  
B6  
B7  
B8  
B9  
B10

\* : B SIDE



KY-290 1-648-915-11 A SIDE



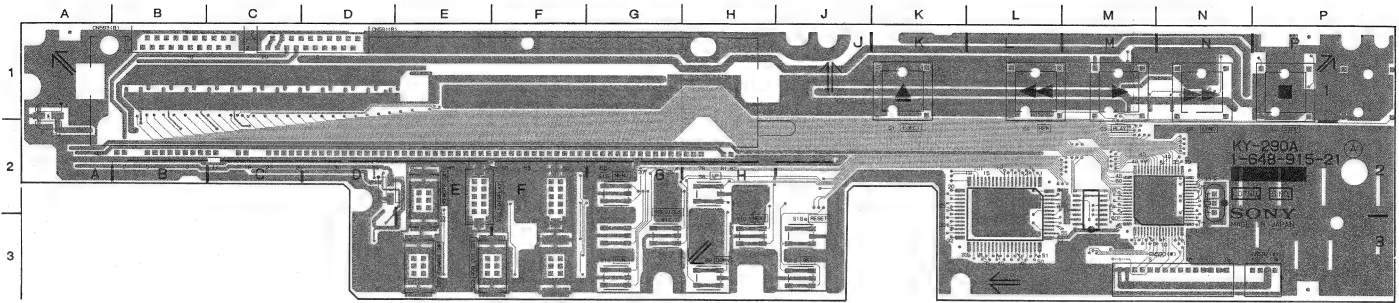
KY-290 1-648-915-11 B SIDE

## KY-290(1-648-915-11)

CN590	N-3	S11	G-3
CN591	D-1	S12	J-3
CN592	P-3	S13	G-3
CN593	B-1	S14	G-3
		S15	G-2
•D1	N-2	S16	E-2
•D2	L-1	S17	F-2
•D3	K-1	S18	J-3
•D4	K-1	S20	E-3
•D5	J-2	S21	E-2
•D6	J-2	S22	F-3
•D7	J-2	S23	F-3
•D8	H-2		
•D9	H-3	X1	N-2
•D10	J-3		
•D11	J-3		
•D12	J-3		
IC1	L-2		
IC3	N-2		
IC6	M-3		
ND1	E-2		
•Q1	D-3		
•Q2	D-3		
•Q3	D-2		
•Q4	D-2		
•Q5	D-2		
•Q6	D-2		
•Q7	B-2		
•Q8	C-2		
•Q9	D-1		
•Q10	D-1		
•Q11	D-1		
•Q12	D-1		
•Q13	D-1		
•Q14	D-1		
•Q15	E-1		
•Q16	B-1		
•Q17	B-1		
•Q18	B-1		
•Q19	B-1		
•Q20	B-1		
•Q21	B-1		
•Q22	B-1		
•Q23	D-1		
•Q24	D-1		
•Q25	D-1		
•Q26	C-1		
•Q27	C-1		
•Q28	C-1		
•Q29	C-1		
•Q30	C-1		
•Q31	C-1		
•Q32	C-1		
•Q33	C-1		
•Q34	B-1		
•Q35	C-1		
•Q36	N-1		
•Q37	M-1		
•Q38	M-1		
•Q39	N-1		
•Q40	M-1		
•Q41	M-1		
•Q42	D-2		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S7	P-1		
S8	H-2		
S9	H-3		
S10	H-3		

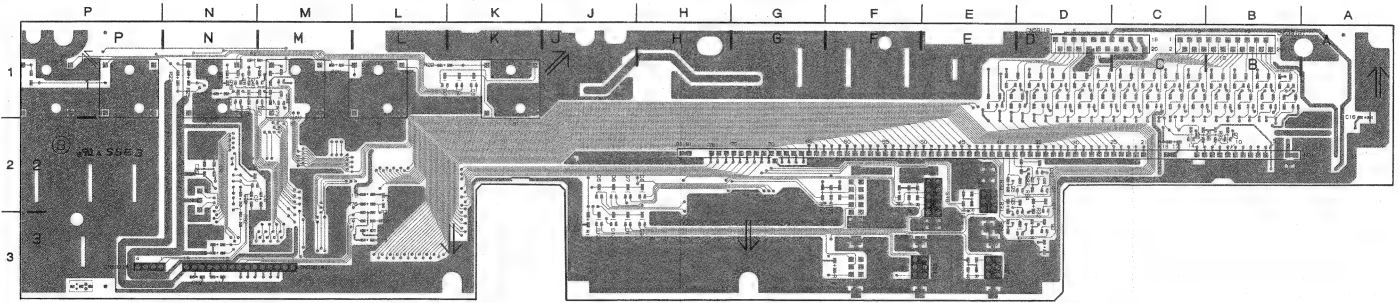
\* : B SIDE

KY-290A ; FUNCTION KEY, FL DISPLAY

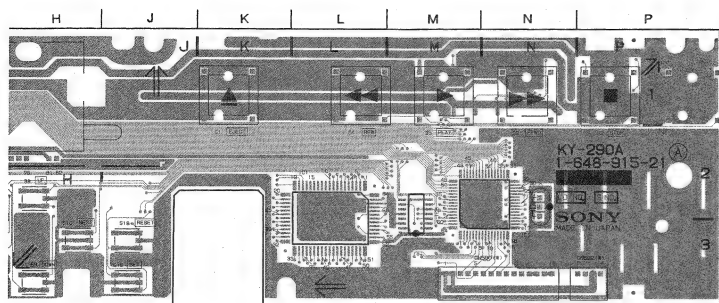


KY-290A 1-648-915-21 A SIDE

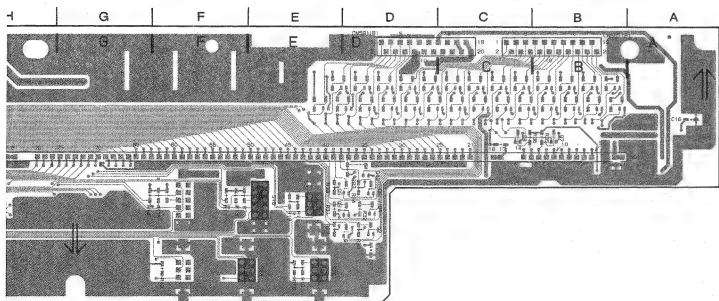
- KY-290A/1  
CN550  
CN591
- D1
  - D2
  - D3
  - D4
  - D5
  - D6
  - D7
  - D8
  - D9
  - D10
  - D11
  - D12
- IC1  
IC3  
IC6
- ND1
- Q1
  - Q2
  - Q3
  - Q4
  - Q5
  - Q6
  - Q7
  - Q8
  - Q36
  - Q37
  - Q38
  - Q40
  - Q42
- S1  
S3  
S4  
S5  
S6  
S8  
S10  
S11  
S12  
S13  
S14  
S16  
S18  
S20  
S21  
S23
- X1
- : B SIDE



KY-290A 1-648-915-21 B SIDE



KY-290A 1-648-915-21 A SIDE



KY-290A 1-648-915-21 B SIDE

## KY-290A(1-648-915-21)

CH590 N-3  
CN591 D-1

•D1 N-2  
•D2 L-1  
•D3 K-1  
•D4 K-1  
•D5 J-2  
•D6 J-2  
•D7 J-2  
•D8 H-2  
•D9 H-3  
•D10 J-3  
•D11 J-3  
•D12 J-3

IC1 L-2  
IC3 N-2  
IC6 M-3

ND1 E-2

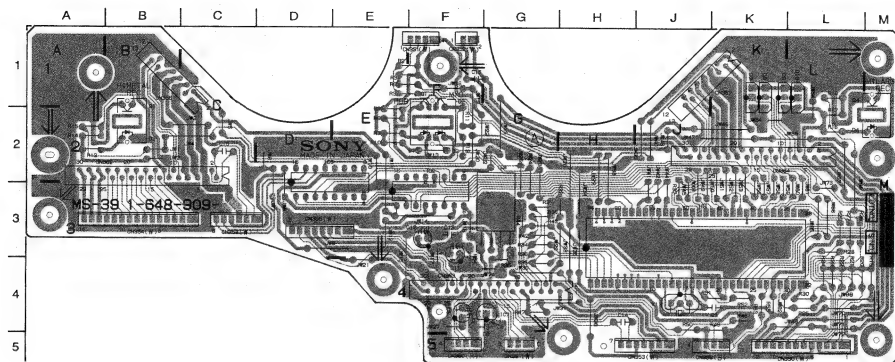
•Q1 D-3  
•Q2 D-3  
•Q3 D-2  
•Q4 D-2  
•Q5 D-2  
•Q6 D-2  
•Q7 B-2  
•Q8 C-2  
•Q36 N-1  
•Q37 M-1  
•Q38 M-1  
•Q39 N-1  
•Q40 M-1  
•Q42 D-2

S1 K-1  
S2 P-1  
S3 N-1  
S4 L-1  
S5 M-1  
S8 H-2  
S9 H-3  
S10 H-3  
S11 G-3  
S12 J-3  
S13 G-3  
S15 G-2  
S16 E-2  
S18 J-3  
S20 E-3  
S21 E-2  
S23 F-3

X1 N-2

• : B SIDE

## MS-39/39A ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU, DATA STORAGE

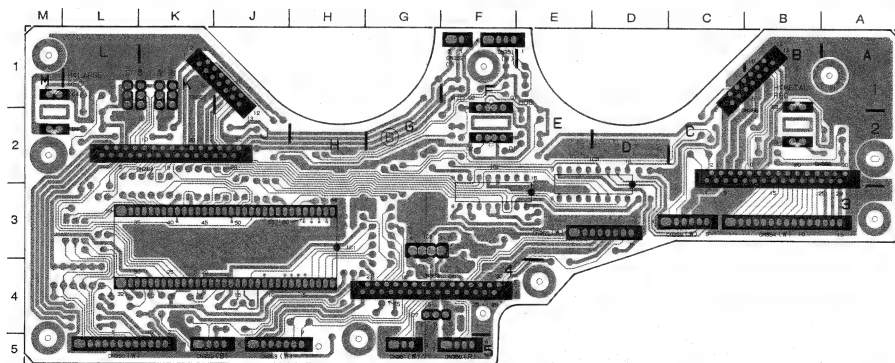


MS-39/39A 1-648-909-11,12 A SIDE

MS-39/39A (1-E)

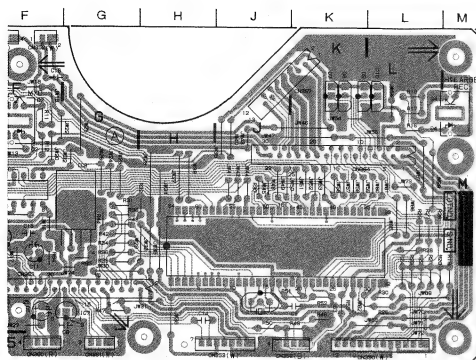
CN350	L
CN351	F
CN352	F
CN353	J
CN354	B
CN355	D
CN356	B
CN357	J
CN358	C
CN359	K
CN360	F
CN361	G
CN362	B
CN363	G
CN364	K
D1	F
D2	F
D3	B
D4	M
D7	K
D8	K
D9	K
D10	L
IC1	H
IC2	E
IC3	D
IC7	G
IC8	G
Q1	F
Q2	F
Q3	B
Q4	M
X1	J

\* : B SIDE  
 \_ : UVW-1400

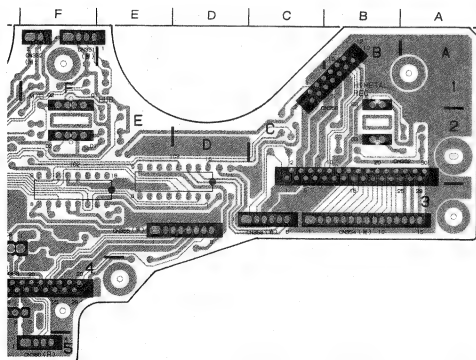


MS-39/39A 1-648-909-11,12 B SIDE

AGE



MS-39/39A 1-648-909-11,12 A SIDE



MS-39/39A 1-648-909-11,12 B SIDE

MS-39/39A (1-648-909-11,12)

CN350 L-5  
 CN351 F-1  
 CN352 F-1  
 CN353 J-5  
 CN354 B-3  
 CN355 D-3  
 CN356 B-1  
 CN357 J-1  
 CN358 C-3  
 CN359 K-5  
 CN360 F-5  
 CN361 G-5  
 CN362 B-2  
 CN363 G-4  
 CN364 K-2

D1 F-2  
 D2 F-2  
 D3 B-2  
 D4 M-2  
 D7 K-1  
 D8 K-1  
 D9 K-1  
 D10 L-1

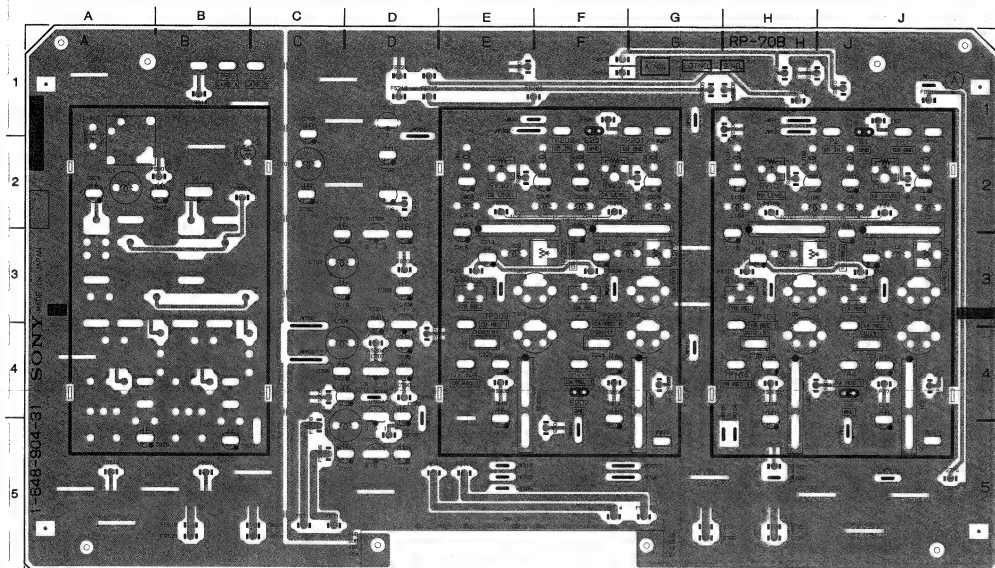
IC1 H-4  
 IC2 E-3  
 IC3 D-3  
 IC7 G-4  
 IC8 G-3

Q1 F-1  
 Q2 F-1  
 Q3 B-1  
 Q4 M-1

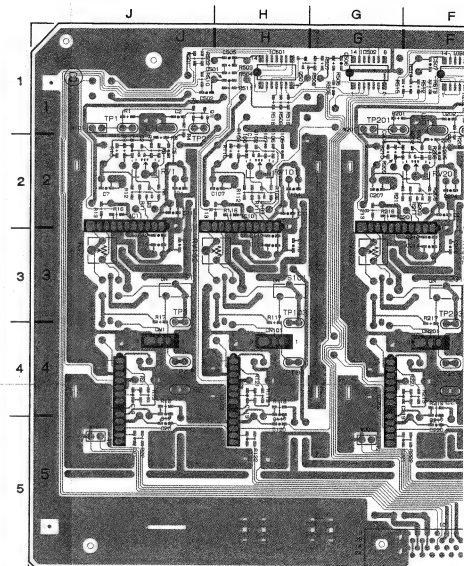
X1 J-4

\* : B SIDE  
 \_ : UVW-1400/1400P ONLY

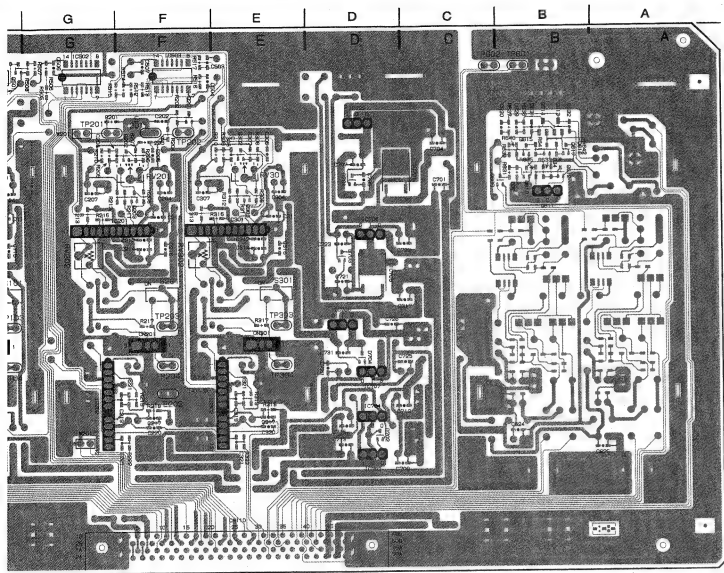
RP-70B/70BP ; RF REC/PB AMP., FULL ERASE OSC.



RP-70B 1-648-904-31 A SIDE







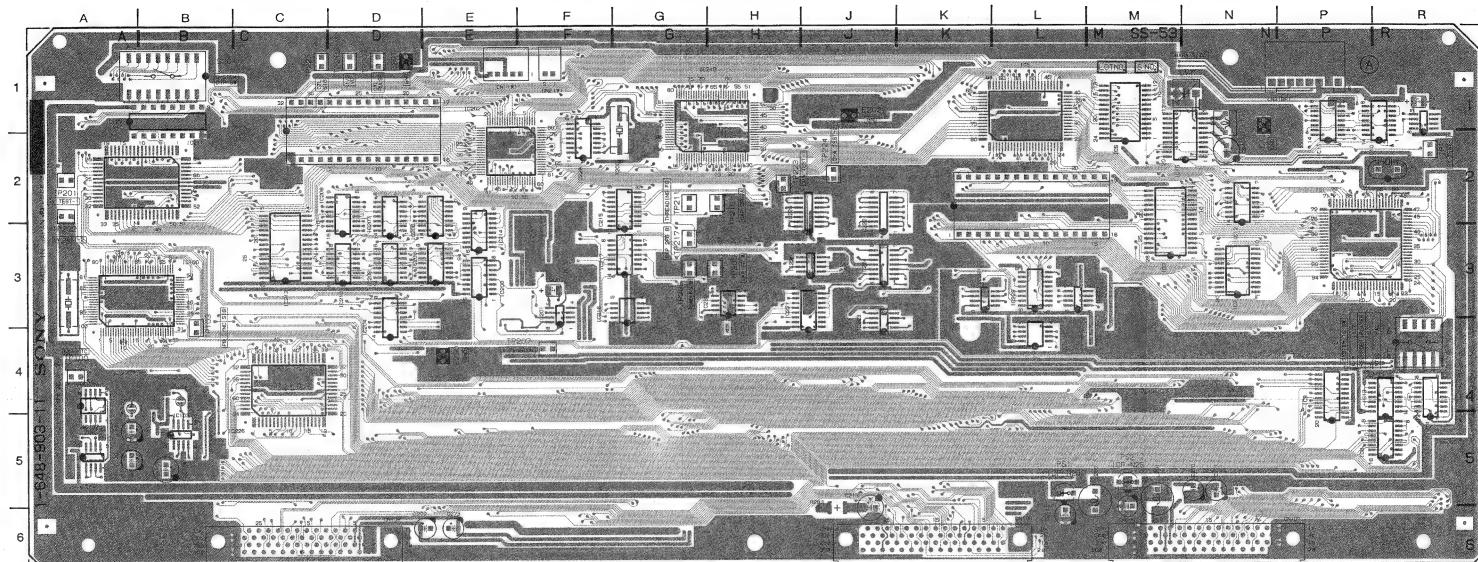
RP-70B 1-648-904-31 B SIDE

## RP-70B/70BP(1-648-904-31)

CN1	J-4	FS716	J-5	TP202	F-1
CN101	H-4	FS717	D-1	TP203	F-3
CN110	E-5	FS718	D-1	TP204	F-4
CN201	F-4	FS719	D-1	TP303	E-3
CN301	E-4	FS720	H-5	TP304	E-4
		FS721	G-5		
•D701	D-2	FS722	G-5		
•D702	D-5	FS723	D-1		
•D703	D-3	FS724	E-1		
•D704	D-4	FS725	H-5		
		FS726	H-5		
E1	J-1	IC1	J-2		
E2	J-4	IC2	J-4		
E201	F-1	IC101	H-2		
E202	F-4	IC102	H-4		
FS2	J-1	IC201	F-2		
FS3	J-2	IC202	G-4		
FS4	J-2	IC301	E-2		
FS5	J-3	IC302	E-4		
FS6	J-4	•IC501	H-1		
FS7	J-4	•IC502	G-1		
FS101	H-2	•IC503	F-1		
FS102	H-2	•IC701	D-2		
FS103	H-3	IC702	D-1		
FS104	H-4	IC703	D-5		
FS105	H-4	IC704	D-4		
FS106	H-1	•IC705	D-3		
FS201	F-1	IC706	D-3		
FS202	G-2	IC707	D-4		
FS203	F-2	IC708	D-3		
FS204	F-3				
FS205	G-4	•Q1	J-1		
FS206	F-4	•Q2	J-2		
FS301	E-2	•Q3	J-2		
FS302	E-2	•Q102	H-2		
FS303	E-3	•Q103	H-2		
FS304	F-5	•Q201	F-1		
FS305	E-4	•Q202	F-2		
FS501	E-1	•Q203	F-2		
FS503	F-1	•Q302	E-2		
FS504	F-1	•Q303	E-2		
FS505	G-1	•Q501	H-1		
FS506	H-1	•Q609	B-2		
FS507	H-1	•Q610	B-2		
FS508	H-1	Q611	B-2		
FS509	H-1	•Q612	B-2		
FS610	J-1	•Q613	B-1		
FS611	J-1	•Q614	B-1		
FS601	B-2	•Q615	B-2		
FS602	B-2	•Q616	B-2		
FS610 P	A-3	•Q617	B-2		
FS614	B-1				
FS615	A-5	RV1	J-2		
FS616	B-5	RV2	J-2		
FS617	C-5	RV101	H-3		
FS618	C-5	RV102	H-3		
FS619	B-5	RV201	F-2		
FS620	B-5	RV202	G-3		
FS701	D-2	RV301	E-2		
FS702	D-3	RV302	F-3		
FS703	D-4				
FS704	D-4	S1	J-3		
FS705	C-4	S101	H-3		
FS706	D-4	S201	F-3		
FS707	D-5	S301	E-3		
FS708	C-5				
FS709	C-5	TP1	J-1		
FS710	C-5	TP2	J-1		
FS711	C-5	TP3	J-3		
FS712	D-5	TP4	J-4		
FS713	E-5	TP103	H-3		
FS714	F-5	TP104	H-4		
FS715	G-5	TP201	G-1		

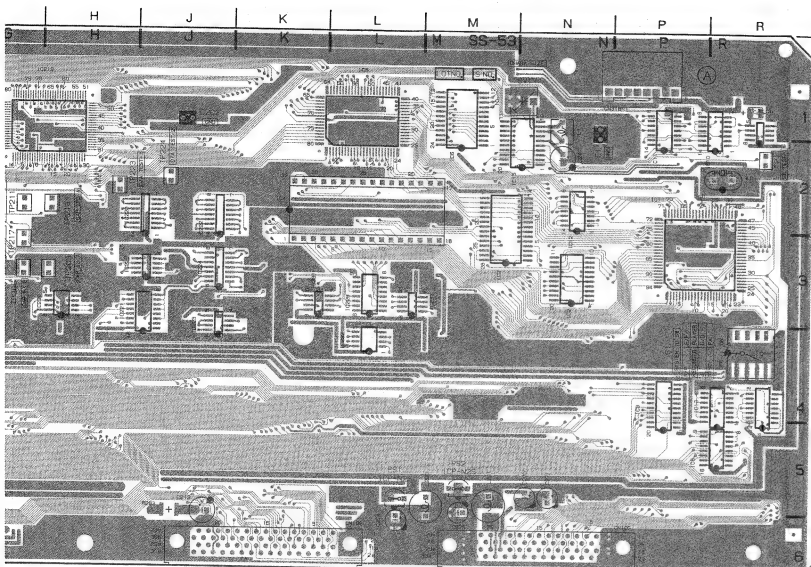
\* : B SIDE  
P : UVW-1400P ONLY

SS-53A ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



SS-53A 1-648-903-11 A SIDE

CTER GENERATOR



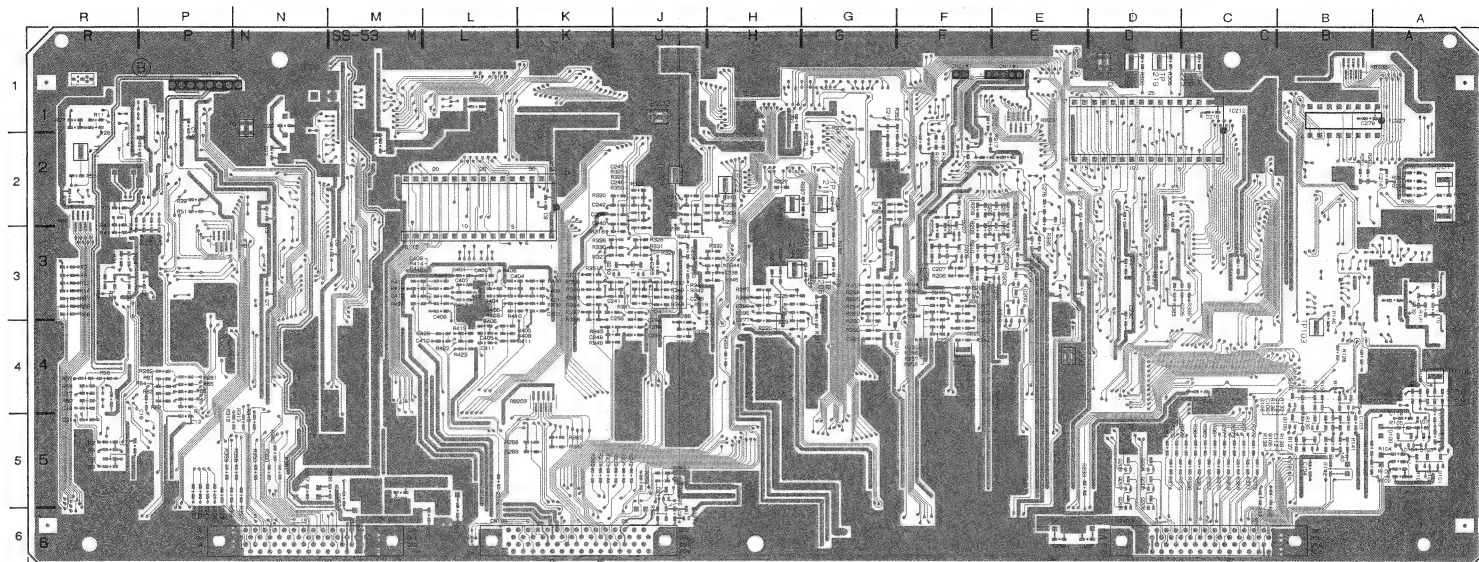
SS-53A 1-648-903-11 A SIDE

SS-53A(1-648-903-11)

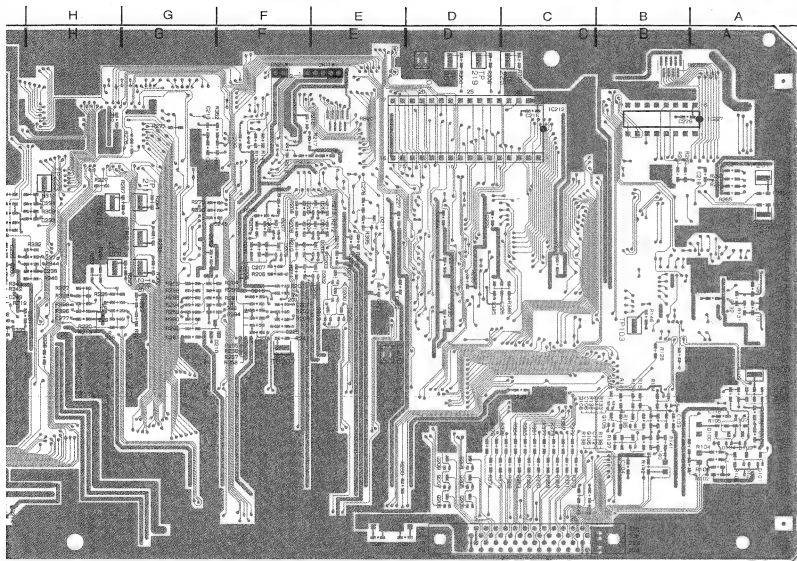
CN4	K-3	IC222	J-3
CN212	C-2	IC223	J-4
		IC224	J-3
CN1	E-1	IC225	J-3
CN2	F-1	IC226	C-4
CN3	P-1	IC227	A-2
CN107	N-6	IC228	F-2
CN108	K-6	IC229	L-3
CN109	C-6	IC230	H-3
		IC231	L-3
CV1	N-1	IC232	L-4
		IC233	M-3
•D100	A-5		
•D101	A-5	PS1	L-5
•D102	A-5	PS2	M-5
•D103	A-5		
•D104	A-5	•Q105	B-5
•D105	B-4	•Q106	B-5
•D200	E-3	•Q107	B-4
•D201	E-3	•Q108	B-5
•D202	E-3	•Q204	D-5
•D203	E-3	•Q205	D-5
•D204	E-3	•Q206	D-5
•D205	E-2	•Q207	D-5
•D206	F-3	•Q208	D-5
•D207	F-3	•Q209	D-5
•D208	E-3	•Q210	J-3
•D210	G-4	•Q211	J-3
•D211	E-2		
•D213	E-3	•R81	P-3
•D214	J-6	•R82	R-2
•D215	J-5	•R8201	E-1
		•R8202	B-1
		•R8203	K-4
E1	N-1	SI	R-4
E200	E-4	SS01	B-1
E201	D-1		
E202	J-1		
IC1	P-3	TP1	R-2
IC2	N-3	TP100	A-4
IC3	N-3	TP103	B-4
IC4	K-3	TP201	A-2
IC5	L-1	TP202	A-2
IC6	M-2	TP203	D-1
IC7	R-1	TP205	H-3
IC9	P-5	TP206	G-3
IC10	R-2	TP207	F-4
IC11	P-2	TP211	G-2
IC12	N-2	TP216	H-2
IC13	R-4	TP217	G-3
IC14	R-4	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		

\* : B SIDE

SS-53A ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE GENERATOR/READER, CHARACTER GENERATOR



ER GENERATOR



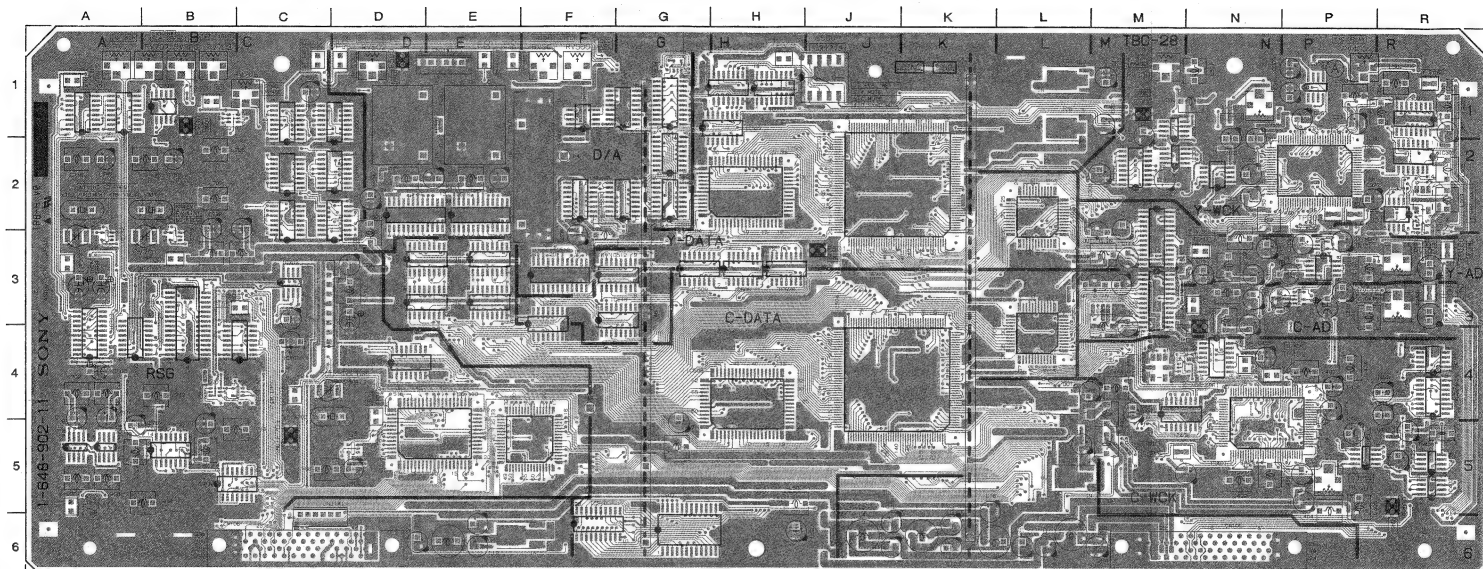
SS-53A 1-648-903-11 B SIDE

SS-53A(1-648-903-11)

CN14	K-3	IC222	J-3
CN212	C-2	IC223	J-4
		IC224	J-3
CN1	E-1	IC225	J-3
CN2	F-1	IC226	C-4
CN3	P-1	IC227	A-2
CN107	N-6	IC228	F-2
CN108	K-6	IC229	L-3
CN109	C-6	IC230	H-3
		IC231	L-3
		IC232	L-4
		IC233	M-3
CV1	N-1		
•D100	A-5	PS1	L-5
•D101	A-5	PS2	M-5
•D102	A-5		
•D103	A-5		
•D104	A-5	•Q105	B-5
•D105	B-4	•Q106	B-5
•D200	E-3	•Q107	B-4
•D201	E-3	•Q108	B-5
•D202	E-3	•Q204	D-5
•D203	E-3	•Q205	D-5
•D204	E-3	•Q206	D-5
•D205	E-2	•Q207	D-5
•D206	F-3	•Q208	D-5
•D207	F-3	•Q209	D-5
•D208	E-3	•Q210	J-3
•D210	G-4	•Q211	J-3
•D211	E-2		
•D213	E-3	•RB1	P-3
•D214	J-6	•RB2	R-2
•D215	J-5	•RB201	E-1
		•RB202	B-1
		•RB203	K-4
E1	N-1		
E200	E-4		
E201	D-1	S1	R-4
E202	J-1	SS01	B-1
IC1	P-3	TP1	R-2
IC2	N-3	TP100	A-4
IC3	N-3	TP103	B-4
IC4	K-3	TP201	A-2
IC5	L-1	TP202	A-2
IC6	M-2	TP203	D-1
IC7	R-1	TP205	H-3
IC9	P-5	TP206	G-3
IC10	R-2	TP207	F-4
IC11	P-2	TP211	G-2
IC12	N-2	TP216	H-2
IC13	R-4	TP217	G-3
IC14	R-4	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		

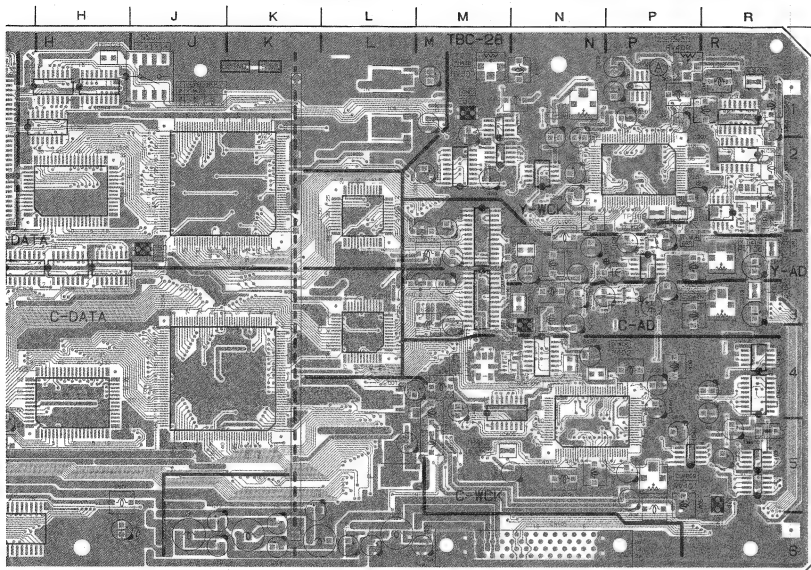
\* : B SIDE

TBC-28/28P ; TIME BASE CORRECTOR, CTDM(EXPAND)



TBC-28 1-648-902-11 A SIDE

UVW-1400 (J) ; Serial No. 10001 through 10420  
 UVW-1400 (UC) ; Serial No. 10001 through 11050  
 UVW-1400P(EK); Serial No. 10001 through 11490  
 UVW-1200 (J) ; Serial No. 10001 through 10350  
 UVW-1200 (UC) ; Serial No. 10001 through 11090  
 UVW-1200P(EK); Serial No. 10001 through 11720



TBC-28 1-648-902-11 A SIDE

TBC-28/28P(1-648-902-11)

CN1	E-1	IC405	R-4	●C300	P-1	TP701	B-1
CN2	C-6	IC406	M-5	●C301	P-1	TP702	C-4
CN105	N-6	IC407	N-4	●C302	P-1	TP703	D-4
CN106	C-6	IC408	M-4	●C303	P-1	TP704	C-1
CV700	C-4	IC501	L-2	●C304	N-2	TP705	A-3
CV701	B-3	IC502	L-4	●C305	N-2	TP706	C-3
CV702	A-3	IC503	J-2	●C306	R-2	TP707	N B-3
		IC504	J-4	●C400	P-5	TP708	N A-1
		IC505	H-2	●C401	P-5		
●D1	M-2	IC506	H-3	●C402	R-5	X700	D-4
●D2	M-3	IC507	G-6	●C403	P-5	X701	B-2
●D100	M-3	IC508	H-4	●C404	M-4	X702	A-2
●D101	R-3	IC509	G-3	●C405	R-4		
●D102	R-3	IC510	F-6	●C406	R-5		
●D200	M-3	IC511	H-1	●C407	N-4		
●D301	N-2	IC512	F-3	●C501	F-1		
●D302	R-2	IC513	F-4	●C502	E-1		
●D303	R-2	IC514	H-1	●C503	D-1		
●D304	R-2	IC516	F-1	●C700	A-5		
●D305	P-2	IC518	F-3	●C701	A-5		
●D401	P-4	IC519	E-2	●C702	B-1		
●D402	N-4	IC520	D-2	●C703	C-2		
●D403	M-4	IC522	G-2	●C704	B-2		
●D404	M-4	IC523	F-4	●C705	B-2		
●D502	K-2	IC524	E-3	●C706	C-2		
●D503	K-2	IC525	E-3	●C707	B-4		
●D505	G-1	IC526	D-3	●C708	D-5		
●D506	M-5	IC527	D-3	●C709	C-5		
●D700	C-4	IC528	H-3	●C710	B-5		
●D703	B-2	IC529	N F-2	●C711	B-5		
●D704	A-2	IC530	N G-2	●C712	B-5		
●D705	C-2	IC531	N G-2	●C713	B-4		
●D706	A-1	IC532	N G-2	●C714	B-4		
●D707	N A-1	IC533	N G-1	●C715	B-5		
		IC534	G-1	●C716	B-4		
E200	N-3	IC535	N G-1	●C717	B-2		
E300	M-1	IC700	B-4	●C718	B-2		
E400	R-5	IC701	B-1	●C719	N B-2		
E500	D-1	IC703	A-5	●C720	N A-2		
E501	J-3	IC704	B-4	●C721	A-2		
E700	B-1	IC705	C-4	●C722	A-2		
FL001	C-5	IC706	A-5				
FL500	F-2	IC708	C-4	RV100	R-3		
FL501	E-1	IC709	A-1	RV200	R-3		
FL502	D-1	IC710	D-2	RV300	M-1		
		IC711	D-3	RV301	N-1		
IC1	M-2	IC712	C-4	RV400	P-1		
IC2	M-3	IC713	A-4	RV401	P-5		
IC3	L-1	IC714	F-5	RV500	F-1		
IC4	L-4	IC715	A-1	RV501	F-1		
IC5	E-6	IC716	B-5	RV502	D-1		
IC6	L-1	IC718	D-5	RV700	B-1		
IC7	L-5	IC719	B-3	RV701	A-1		
IC8	P B-5	IC720	P C-2	RV703	B-1		
IC100	P-3	IC721	C-2	RV706	C-1		
IC101	P-3	IC722	E-5	RV707	B-1		
IC102	M-3	IC723	B-5				
IC103	M-2	IC727	N D-2	S500	J-1		
IC200	P-3	IC728	C-4				
IC203	M-3	IC729	D-4	TH400	R-5		
IC300	P-1	IC730	C-3				
IC301	P-2	IC732	A-3	TP100	R-3		
IC302	R-1			TP101	N-3		
IC303	M-1	LV300	R-2	TP200	R-3		
IC304	M-2	LV400	M-4	TP201	N-3		
IC305	N-2			TP300	R-1		
IC306	M-2	●O100	R-3	TP301	P-2		
IC307	R-2	●O101	R-3	TP303	P-2		
IC308	R-2	●O102	P-3	TP400	M-5		
IC309	P R-2	●O103	P-3	TP401	N-4		
IC400	R-5	●O104	R-3	TP402	N-4		
IC401	N-5	●O200	R-3	TP500	E-1		
IC402	R-5	●O201	R-3	TP501	E-1		
IC403	R-5	●O202	P-3	TP502	D-1		
IC404	R-4	●O203	P-3	TP503	N H-1		
				TP700	A-5		

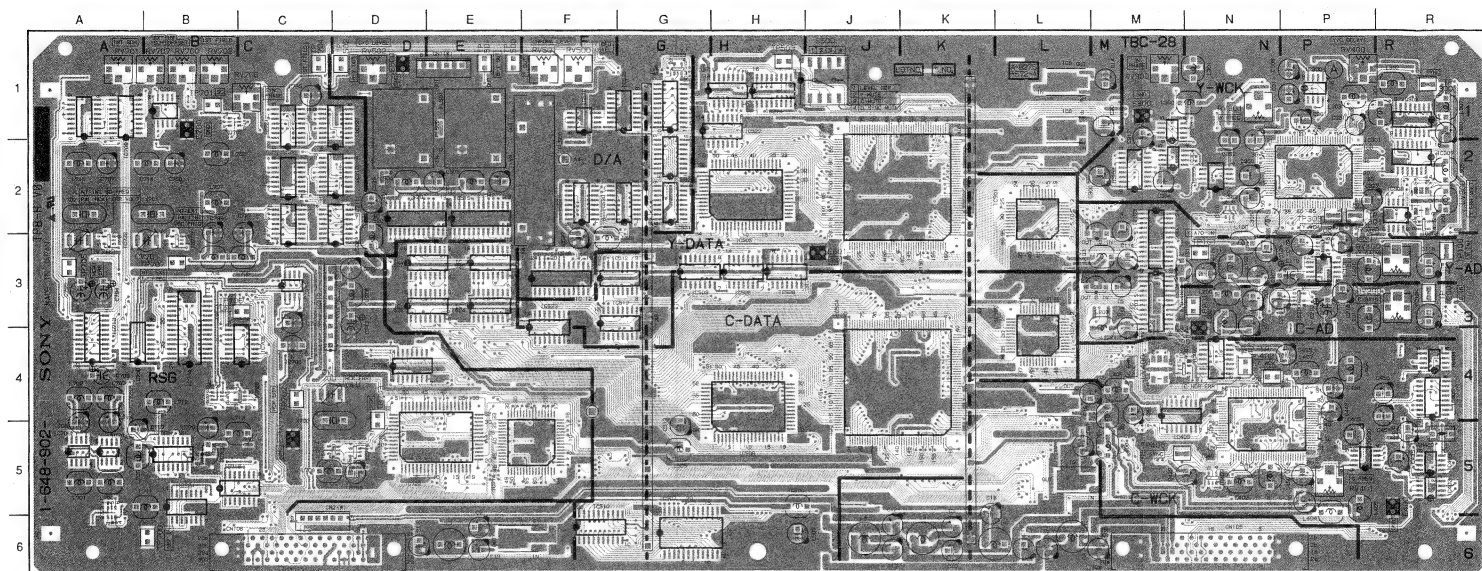
\* : B SIDE

N : UVW-1400/1200 ONLY

P : UVW-1400P/1200P ONLY



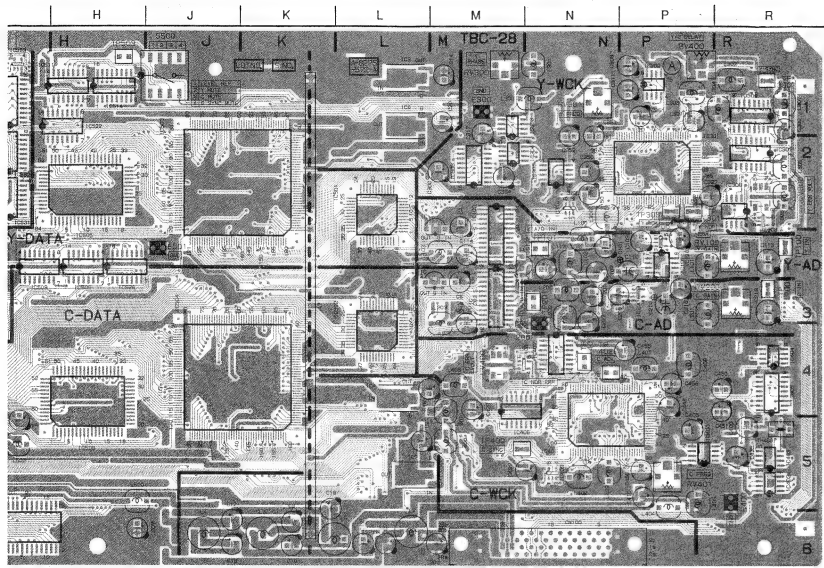
TBC-28/28P ; TIME BASE CORRECTOR, CTDM (EXPAND)



TBC-28 1-648-902-12,13 A SIDE

UVW-1400 (J) ; Serial No. 10421 and higher  
 UVW-1400 (UC) ; Serial No. 11051 and higher  
 UVW-1400P(EK) ; Serial No. 11491 and higher  
 UVW-1200 (J) ; Serial No. 10351 and higher  
 UVW-1200 (UC) ; Serial No. 11091 and higher  
 UVW-1200P(EK) ; Serial No. 11721 and higher





TBC-28 1-648-902-12,13 A SIDE

TBC-28/28P (1-648-902-12,13)

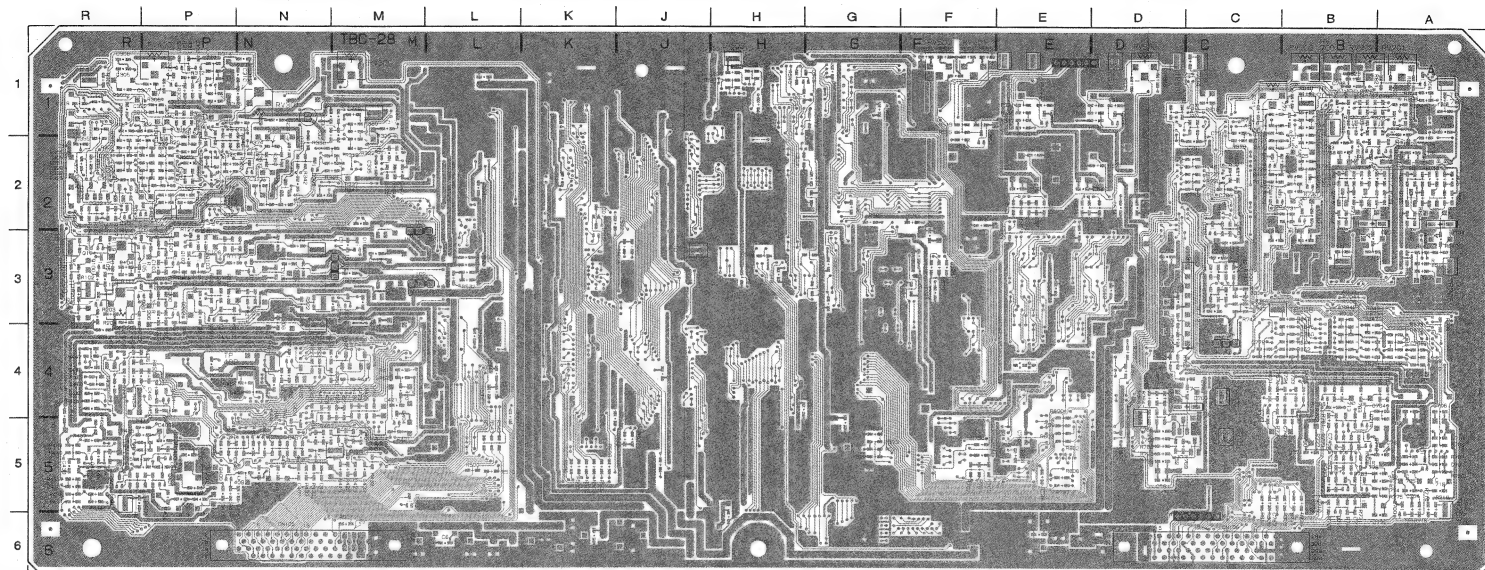
CN1	E-1	IC406	M-5	* Q201	R-3	TP501	E-1
CN2	C-6	IC407	N-4	* Q202	F-3	TP502	D-1
CN105	N-6	IC408	M-4	* Q203	P-3	TP503	N-1
CN106	C-6	IC409	N-5	* Q300	P-1	TP700	B-6
		IC501	L-2	* Q301	P-1	TP701	B-1
CV700	C-4	IC502	L-4	* Q302	P-1	TP702	C-1
CV701	B-3	IC503	J-2	* Q303	P-1	TP703	D-4
CV702	A-3	IC504	J-4	* Q304	N-2	TP704	C-4
		IC505	H-2	* Q305	N-2	TP705	A-3
* D1	M-2	IC506	H-3	* Q306	R-2	TP706	C-3
* D2	M-3	IC507	G-6	* Q400	P-5	TP707	N-3
* D100	M-3	IC508	H-4	* Q401	P-5		
* D101	N-3	IC509	G-3	* Q402	R-5	X700	D-4
* D102	R-3	IC510	F-6	* Q403	P-5	X701	B-2
* D200	M-3	IC511	H-1	* Q404	M-4	X702	A-2
* D301	N-2	IC512	F-3	* Q405	N-4		
* D302	R-2	IC513	F-4	* Q406	R-5		
* D303	R-2	IC514	H-1	* Q407	N-4		
* D304	R-2	IC516	F-1	* Q501	F-1		
* D305	P	IC518	F-3	* Q502	E-1		
* D401	P-4	IC519	E-2	* Q503	D-1		
* D402	N-4	IC520	D-2	* Q700	A-5		
* D403	M-4	IC522	C-2	* Q701	A-5		
* D404	M-4	IC523	F-4	* Q702	B-1		
* D502	K-2	IC524	E-3	* Q703	C-2		
* D503	K-2	IC525	E-3	* Q704	B-2		
* D505	G-1	IC526	D-3	* Q705	B-2		
* D506	L-5	IC527	D-3	* Q706	C-2		
* D700	C-4	IC528	H-3	* Q707	B-4		
* D703	B-2	IC529	N-2	* Q708	D-5		
* D704	A-2	IC530	N-2	* Q709	C-5		
* D705	C-2	IC531	N-2	* Q710	B-5		
* D706	A-1	IC532	N-2	* Q711	B-5		
		IC533	N-1	* Q712	B-5		
E200	N-3	IC534	N-1	* Q713	B-4		
E300	M-1	IC535	N-1	* Q714	B-4		
E400	R-6	IC700	B-4	* Q715	B-5		
E500	D-1	IC701	B-1	* Q716	B-4		
E601	J-3	IC702	B-5	* Q717	B-2		
E700	B-1	IC703	A-5	* Q718	B-2		
E701	C-5	IC704	B-4	* Q719	N-2		
FL500	F-2	IC705	C-4	* Q720	N-2		
FL501	E-1	IC706	A-5	* Q721	A-2		
FL502	D-1	IC707	C-3	* Q722	A-2		
		IC708	C-4	* Q723	A-5		
IC1	M-2	IC709	A-1				
IC2	M-3	IC710	D-2	RV100	R-3		
IC3	L-1	IC711	D-3	RV200	R-1		
IC4	L-4	IC712	C-4	RV300	M-1		
IC5	E-6	IC713	A-4	RV301	R-1		
IC6	L-1	IC714	F-5	RV400	P-1		
IC7	L-5	IC715	A-1	RV401	P-5		
IC100	P-3	IC716	B-5	RV500	F-1		
IC101	M-3	IC717	C-5	RV501	F-1		
IC102	M-3	IC718	D-5	RV502	D-1		
IC103	M-3	IC719	B-3	RV700	B-1		
IC104	M-3	IC720	P	RV701	A-1		
IC200	P-3	IC721	C-2	RV703	B-1		
IC203	M-3	IC722	E-5	RV706	C-1		
IC300	P-1	IC723	B-5	RV707	B-1		
IC301	P-2	IC724	B-6				
IC302	R-1	IC727	N-2	S500	J-1		
IC303	M-1	IC728	C-4				
IC304	M-2	IC729	D-4	TH400	R-5		
IC305	N-2	IC730	C-3				
IC306	M-2	IC732	A-3	TP100	R-3		
IC307	R-2			TP101	N-3		
IC308	R-2	LV300	R-2	TP200	N-3		
IC309	P	LV400	M-4	TP201	N-3		
IC310	N-2			TP300	R-1		
IC400	R-5	* Q100	R-3	TP301	P-2		
IC401	N-5	* Q101	R-3	TP303	P-2		
IC402	R-5	* Q102	P-3	TP400	M-5		
IC403	R-5	* Q103	P-3	TP401	N-4		
IC404	R-4	* Q104	R-3	TP402	N-4		
IC405	R-4	* Q200	R-3	TP500	E-1		

\* : B SIDE

N : UVW-1400/1200 ONLY

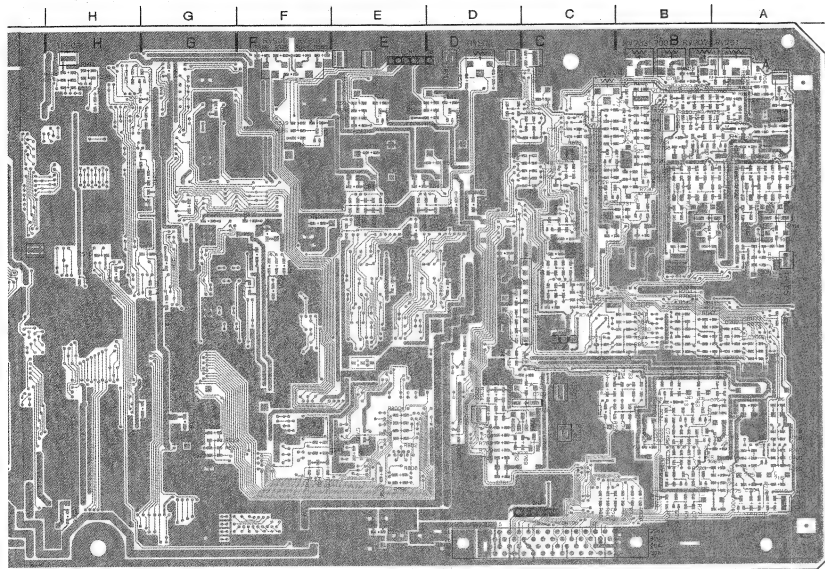
P : UVW-1400P/1200P ONLY

## TBC-28/28P ; TIME BASE CORRECTOR, CTD(MEXPAND)



TBC-28 1-648-902-11 B SIDE

UVW-1400 (J) ; Serial No. 10001 through 10420  
 UVW-1400 (UC) ; Serial No. 10001 through 11050  
 UVW-1400P(EK) ; Serial No. 10001 through 11490  
 UVW-1200 (J) ; Serial No. 10001 through 10350  
 UVW-1200 (UC) ; Serial No. 10001 through 11090  
 UVW-1200P(EK) ; Serial No. 10001 through 11720



TBC-28 1-648-902-11 B SIDE

TBC-28/28P(1-648-902-11)

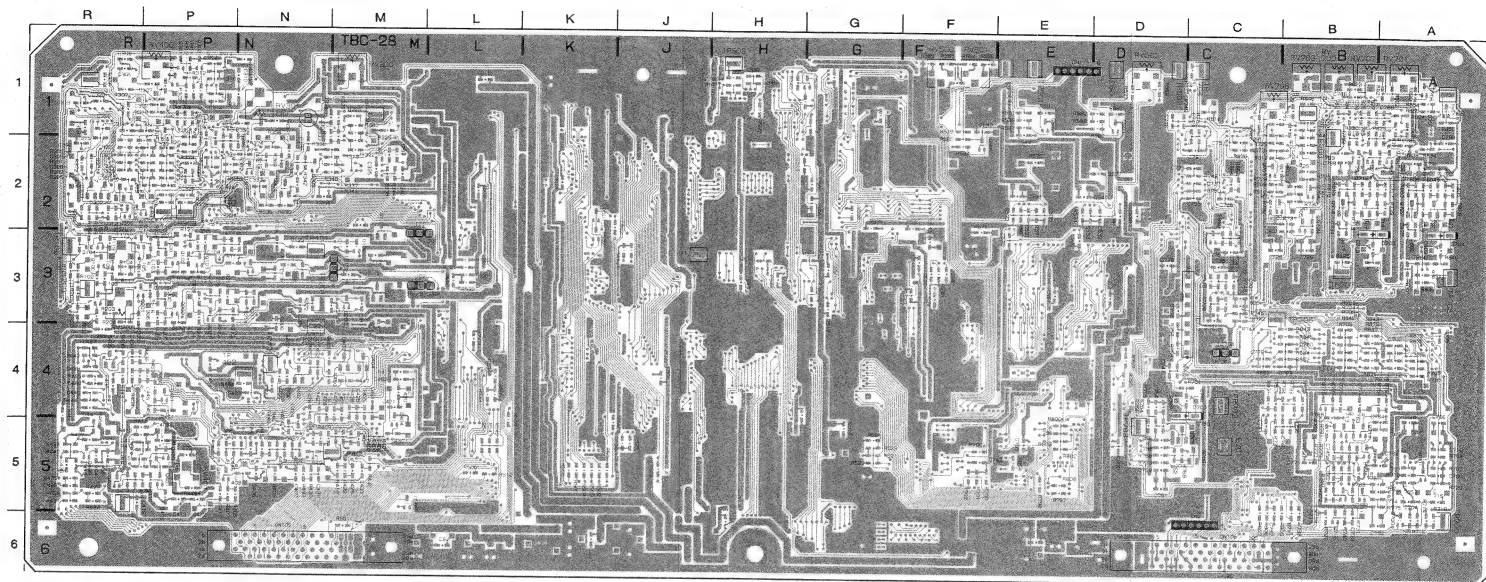
CN1	E-1	IC405	R-4	●Q300	P-1	TP701	B-1
CN2	C-6	IC406	M-5	●Q301	P-1	TP702	C-4
CN105	N-6	IC407	M-5	●Q302	P-1	TP703	D-4
CN106	C-6	IC408	M-4	●Q303	P-1	TP704	C-1
CV700	C-4	IC501	L-2	●Q304	N-2	TP705	A-3
CV701	B-3	IC502	L-4	●Q305	N-2	TP706	C-3
CV702	A-3	IC503	J-2	●Q306	R-2	TP707 N	B-3
		IC504	J-4	●Q400	P-5	TP708 N	A-1
		IC505	H-2	●Q401	P-5		
●D1	M-2	IC506	H-3	●Q402	R-5	X700	D-4
●D2	M-3	IC507	G-6	●Q403	P-5	X701	B-2
●D100	M-3	IC508	H-4	●Q404	M-4	X702	A-2
●D101	N-3	IC509	G-3	●Q405	R-4		
●D102	R-3	IC510	F-6	●Q406	R-5		
●D200	M-3	IC511	H-1	●Q407	N-4		
●D301	N-2	IC512	F-3	●Q501	F-1		
●D302	R-2	IC513	F-4	●Q502	E-1		
●D303	R-2	IC514	H-1	●Q503	D-1		
●D304	R-2	IC516	F-1	●Q700	A-5		
●D305 P	P-2	IC518	F-3	●Q701	A-5		
●D401	P-4	IC519	E-2	●Q702	B-1		
●D402	N-4	IC520	D-2	●Q703	C-2		
●D403	M-4	IC522	G-2	●Q704	B-2		
●D404	M-4	IC523	F-4	●Q705	B-2		
●D502	K-2	IC524	E-3	●Q706	C-2		
●D503	K-2	IC525	E-3	●Q707	B-4		
●D505	G-1	IC526	D-3	●Q708	D-5		
●D506	M-5	IC527	D-3	●Q709	C-5		
●D700	C-4	IC528	H-3	●Q710	B-5		
●D703	B-2	IC529 N	F-2	●Q711	B-5		
●D704	A-2	IC530 N	G-2	●Q712	B-5		
●D705	C-2	IC531 N	G-2	●Q713	B-4		
●D706	A-1	IC532 N	G-2	●Q714	B-4		
●D707 N	A-1	IC533 N	G-1	●Q715	B-5		
		IC534 N	G-1	●Q716	B-4		
E200	N-3	IC535 N	G-1	●Q717	B-2		
E300	M-1	IC700	B-4	●Q718	B-2		
E400	R-5	IC701	B-1	●Q719 N	B-2		
E500	D-1	IC703	A-5	●Q720 N	A-2		
E501	J-3	IC704	B-4	●Q721	A-2		
E700	B-1	IC705	C-4	●Q722	A-2		
E701	C-5	IC706	A-5				
FL500	F-2	IC708	C-4	RV100	R-3		
FL501	E-1	IC709	A-1	RV200	R-3		
FL502	D-1	IC710	D-2	RV300	M-1		
		IC711	D-3	RV301	N-1		
IC1	M-2	IC712	C-4	RV400	P-1		
IC2	M-3	IC713	A-4	RV401	P-5		
IC3	L-1	IC714	F-5	RV500	F-1		
IC4	L-4	IC715	A-1	RV501	F-1		
IC5	E-6	IC716	B-5	RV502	D-1		
IC6	L-1	IC718	D-5	RV700	B-1		
IC7	L-5	IC719	B-3	RV701	A-1		
IC8	B-5	IC720 P	C-2	RV703	B-1		
IC100	P-3	IC721	C-2	RV706	C-1		
IC101	P-3	IC722	E-5	RV707	B-1		
IC102	M-3	IC723	B-5	S500	J-1		
IC103	M-2	IC727 N	D-2				
IC200	P-3	IC728	C-4	TH400	R-5		
IC203	M-3	IC729	D-4				
IC300	P-1	IC730	C-3	TP100	R-3		
IC301	P-2	IC732	A-3	TP101	N-3		
IC302	R-1			TP200	R-3		
IC303	M-1	LV300	R-2	TP201	N-3		
IC304	M-2	LV400	M-4	TP300	R-1		
IC305	N-2			TP301	P-2		
IC306	M-2	●Q100	R-3	TP303	P-2		
IC307	R-2	●Q101	R-3	TP400	M-5		
IC308	R-2	●Q102	P-3	TP401	A-4		
IC309 P	R-2	●Q103	P-3	TP402	N-4		
IC400	R-5	●Q104	R-3	TP500	E-1		
IC401	N-5	●Q200	R-3	TP501	E-1		
IC402	R-5	●Q201	R-3	TP502	D-1		
IC403	R-5	●Q202	P-3	TP503 N	H-1		
IC404	R-4	●Q203	P-3	TP700	A-5		

● : B SIDE

N : UVW-1400/1200 ONLY

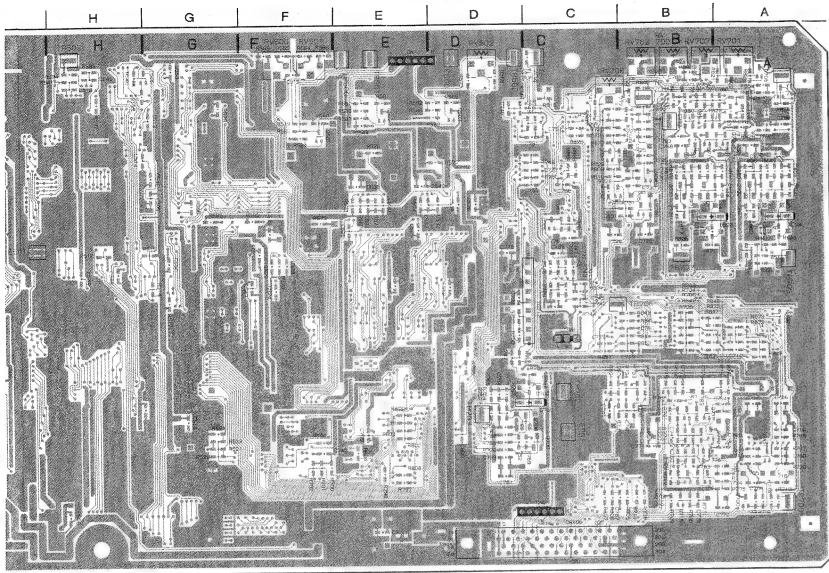
P : UVW-1400P/1200P ONLY

TBC-28/28P ; TIME BASE CORRECTOR, CTDM(EXPAND)



TBC-28 1-648-902-12,13 B SIDE

UVW-1400 (J) ; Serial No. 10421 and higher  
 UVW-1400 (UC) ; Serial No. 11051 and higher  
 UVW-1400P(EK) ; Serial No. 11491 and higher  
 UVW-1200 (J) ; Serial No. 10351 and higher  
 UVW-1200 (UC) ; Serial No. 11091 and higher  
 UVW-1200P(EK) ; Serial No. 11721 and higher



TBC-28 1-648-902-12,13 B SIDE

TBC-28/28P (1-648-902-12,13)

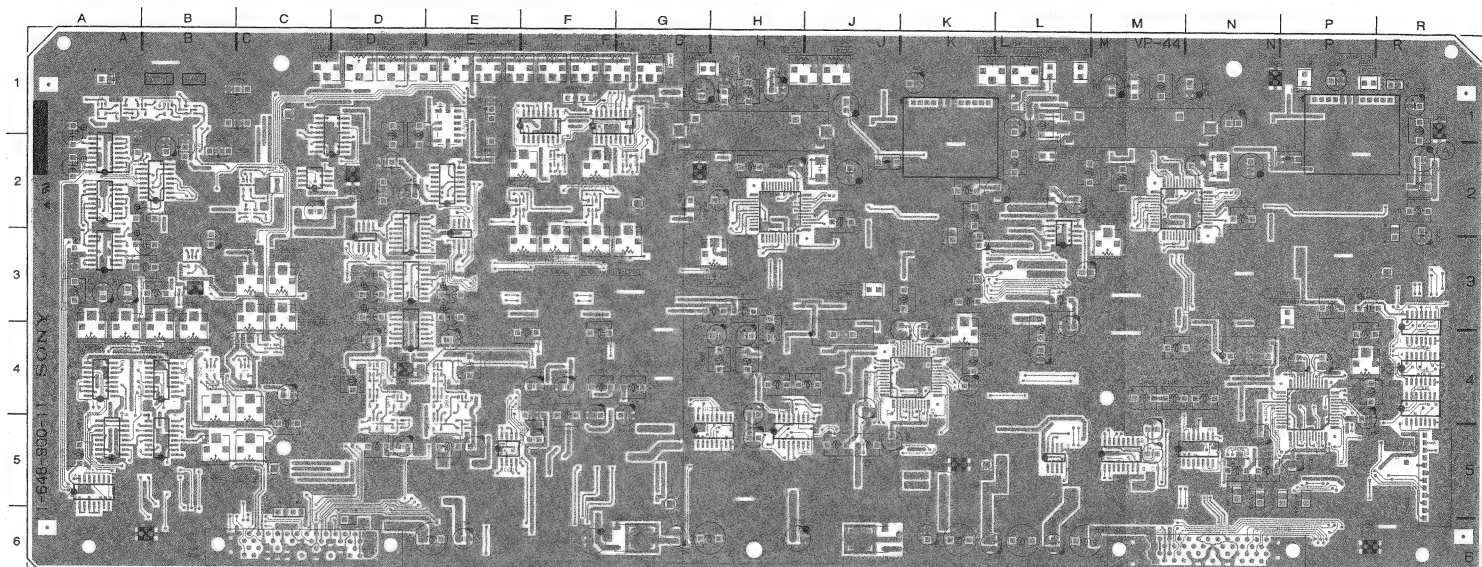
CN1	E-1	IC405	R-4	●Q300	P-1	TP701	B-1
CN2	C-6	IC406	M-5	●Q301	P-1	TP702	C-4
CN105	N-6	IC407	N-4	●Q302	P-1	TP703	D-4
CN106	C-6	IC408	M-4	●Q303	P-1	TP704	C-1
		IC501	L-2	●Q304	N-2	TP705	A-3
CV700	C-4	IC502	L-4	●Q305	N-2	TP706	C-3
CV701	B-3	IC503	J-2	●Q306	N-2	TP707	N-3
CV702	A-3	IC504	J-4	●Q400	P-5	TP708	N A-1
		IC505	H-2	●Q401	P-5		
●D1	M-2	IC506	H-3	●Q402	R-5	X700	D-4
●D2	M-3	IC507	G-6	●Q403	P-5	X701	B-2
●D100	M-3	IC508	H-4	●Q404	M-4	X702	A-2
●D101	N-3	IC509	G-3	●Q405	R-4		
●D102	R-3	IC510	F-6	●Q406	R-5		
●D200	M-3	IC511	H-1	●Q407	N-4		
●D301	N-2	IC512	F-3	●Q501	F-1		
●D302	R-2	IC513	F-4	●Q502	E-1		
●D303	R-2	IC514	H-1	●Q503	D-1		
●D304	R-2	IC516	F-1	●Q700	A-5		
●D305	P-2	IC519	F-3	●Q701	A-5		
●D401	P-4	IC519	E-2	Q702	B-1		
●D402	N-4	IC520	D-2	●Q703	C-2		
●D403	M-4	IC522	G-2	●Q704	B-2		
●D404	M-4	IC523	F-4	●Q705	B-2		
●D502	K-2	IC524	E-3	●Q706	C-2		
●D503	K-2	IC525	E-3	Q707	B-4		
●D505	G-1	IC526	D-3	●Q708	D-5		
●D506	M-5	IC527	D-3	●Q709	C-5		
●D700	C-4	IC528	H-3	●Q710	B-5		
●D703	B-2	IC529	N F-2	●Q711	B-5		
●D704	A-2	IC530	N G-2	●Q712	B-5		
●D705	C-2	IC531	N G-2	●Q713	B-4		
●D706	A-1	IC532	N G-2	●Q714	B-4		
●D707	N-1	IC533	N G-1	●Q715	B-5		
E200	N-3	IC534	N G-1	●Q716	B-4		
E300	M-1	IC700	B-4	●Q717	B-2		
E400	R-5	IC701	B-1	●Q718	B-2		
E500	D-1	IC703	A-5	●Q719	N B-2		
E501	J-3	IC704	B-4	●Q720	N A-2		
E700	B-1	IC705	C-4	●Q721	A-2		
E701	C-5	IC706	A-5	●Q722	A-2		
FL500	F-2	IC707	C-3	RV100	R-3		
FL501	E-1	IC709	A-1	RV200	R-3		
FL502	D-1	IC710	D-3	RV300	M-1		
IC1	M-2	IC711	D-3	RV400	P-1		
IC2	M-3	IC712	C-4	RV401	P-5		
IC3	L-1	IC713	A-4	RV500	F-1		
IC4	L-4	IC714	F-5	RV501	F-1		
IC5	E-6	IC715	A-1	RV502	D-1		
IC6	L-1	IC716	B-5	RV700	B-1		
IC7	L-1	IC717	B-3	RV701	A-1		
IC8	P B-5	IC718	D-5	RV703	B-1		
IC100	P-3	IC720	P C-2	RV706	C-1		
IC101	P-3	IC721	C-2	RV707	B-1		
IC102	M-3	IC722	E-5	S500	J-1		
IC103	M-2	IC723	B-5	TH400	R-5		
IC200	P-3	IC727	N D-2				
IC203	M-3	IC728	C-4				
IC300	P-1	IC729	D-4	TP100	R-3		
IC301	P-2	IC730	C-3	TP101	N-3		
IC302	R-1	IC732	A-3	TP200	R-3		
IC303	M-1	LV300	R-2	TP201	N-3		
IC304	M-2	LV400	M-4	TP300	R-1		
IC305	N-2			TP301	P-2		
IC306	M-2	●Q100	R-3	TP303	P-2		
IC307	R-2	●Q101	R-3	TP400	M-5		
IC308	R-2	●Q102	P-3	TP401	N-4		
IC309	P R-2	●Q103	P-3	TP402	N-4		
IC400	R-5	●Q104	R-3	TP500	E-1		
IC401	R-5	●Q200	E-3	TP501	E-1		
IC402	R-5	●Q201	R-3	TP502	D-1		
IC403	R-5	●Q202	P-3	TP503	N-1		
IC404	R-4	●Q203	P-3	TP700	A-5		

\* : B SIDE

N : UVW-1400/1200 ONLY

P : UVW-1400P/1200P ONLY

VP-44/44A/44P/44AP ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX

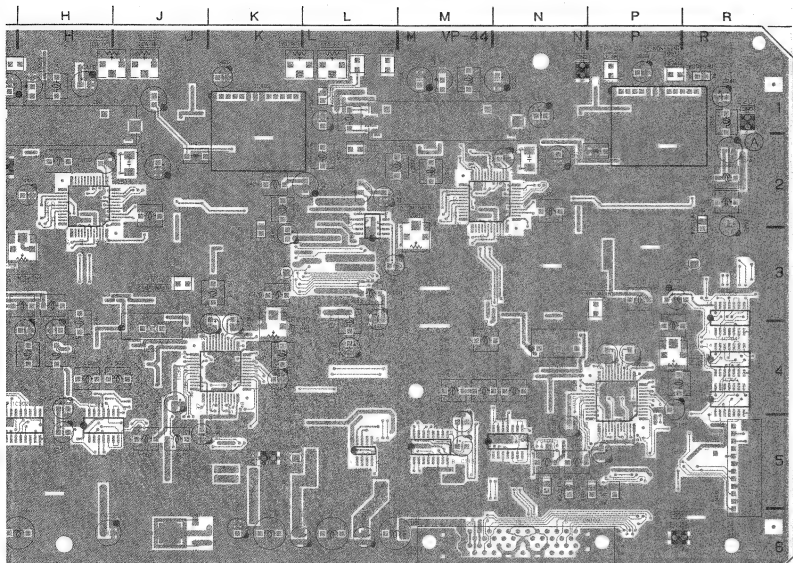


VP-44/44A 1-648-900-11 A SIDE

UVW-1400 (J) ; Serial No. 10001 through 10420  
 UVW-1400 (UC) ; Serial No. 10001 through 11050  
 UVW-1400P(EK) ; Serial No. 10001 through 11490  
 UVW-1200 (J) ; Serial No. 10001 through 10350  
 UVW-1200 (UC) ; Serial No. 10001 through 11090  
 UVW-1200P(EK) ; Serial No. 10001 through 11720



DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-11 ASIDE

VP-44/44A/44P/44AP(1-648-900-11)

CN103	N-6	IC706	E-2	●Q512	C-2	RV505	C-3
CN105	R-6	IC707	E-1	●Q513	B-5	RV506	B-5
CN601	C-6	IC708	F-5	●Q514	C-2	RV507	C-3
				●Q515	C-4	RV508	C-5
DL101	N-4	●Q101	N-5	●Q516	B-2	RV509	B-4
DL301	J-4	●Q102	N-4	●Q517	C-5	RV510	A-4
		●Q103	N-5	●Q518	C-4	RV511	C-4
●D201	N-2	●Q104	N-4	●Q519	B-2	RV512	A-4
●D401	J-2	●Q105	N-4	●Q520	B-2	RV601	P-1
●D501	A-2	●Q106	N-3	Q521	B-4	RV602	D-1
●D502	B-2	●Q107	N-3	Q522	B-4	RV603	E-1
●D503	B-3	●Q108	N-4	Q523	C-4	RV604	E-1
●D504	A-4	●Q109	N-4	●Q601	D-5	RV605	D-1
●D601	D-2	●Q110	F-4	●Q602	D-5	RV606	D-1
●D701	R-4	●Q111	P-5	Q603	D-5	RV607	C-1
		●Q112	P-5	Q604	E-5	RV701	F-1
E101	P-6	●Q201	M-2	Q605	D-5	RV702	G-1
E102	N-1	●Q202	N-1	Q606	E-5	RV703	F-1
E301	R-1	●Q203	P-2	Q607	D-4	RV704	G-1
E301	K-5	●Q204	N-2	Q608	E-4	RV705	F-3
E401	G-2	●Q205	P-2	Q609	D-4	RV706	F-3
E501	B-3	●Q206	P-2	Q610	E-4	RV707	F-3
E502	B-6	●Q207	N-2	Q611	D-4	RV708	G-3
E601	D-4	●Q208	N-1	Q612	E-4	RV709	F-2
E602	D-2	●Q209	N-1	●Q613	F-5	RV710	F-2
		●Q210	N-1	●Q614	F-5		
FL201	M-1	●Q211	P-2	●Q615	F-5	TH201	P-2
FL401	H-1	●Q212	P-1	●Q616	D-2	TH401	J-2
FL601	E-1	●Q213	R-2	●Q617	D-2	●TH601	P-D-1
		●Q214	R-2	●Q618	D-3		
IC101	P-4	●Q215	P-1	●Q619	E-3	TP101	L-2
IC102	M-5	●Q216	N-2	●Q620	F-5	TP102	P-1
IC103	N-6	●Q217	M-2	●Q621	F-5	TP103	L-1
IC104	L-5	●Q218	M-2	●Q622	D-1	TP104	P-3
IC202	M-1	●Q219	M-2	●Q623	D-1	TP201	P-1
IC203	M-1	●Q220	M-2	●Q624	D-1	TP301	G-1
IC204	P-1	●Q301	J-4	●Q701	F-4	TP302	J-3
IC205	L-2	●Q302	J-4	●Q702	G-4	TP401	L-1
IC301	K-4	●Q303	H-4	●Q703	F-3	TP501	C-2
IC302	H-5	●Q304	H-5	●Q704	G-3		
IC303	H-5	●Q305	H-4	●Q705	F-3		
IC401	H-2	●Q306	H-3	●Q706	F-3		
IC402	H-1	●Q307	J-3	●Q707	F-3		
IC403	K-1	●Q308	J-4	●Q708	F-3		
IC404	G-2	●Q309	J-4	●Q709	F-3		
IC501	B-2	●Q310	K-3	●Q710	F-3		
IC502	A-2	●Q311	K-5	●Q711	G-3		
IC504	B-2	●Q401	H-2	●Q712	G-3		
IC505	B-2	●Q402	J-1	●Q713	F-3		
IC506	A-3	●Q403	J-1	●Q714	G-3		
IC507	B-5	●Q404	J-2	●Q715	F-3		
IC508	B-4	●Q405	J-1	●Q716	F-3		
IC509	A-5	●Q406	J-1	●Q717	F-2		
IC510	A-4	●Q407	J-1	●Q718	E-2		
IC511	A-5	●Q408	J-1	●Q719	F-2		
IC512	J-6	●Q409	J-2	●Q720	F-2		
IC513	G-6	●Q410	J-1	●Q721	F-2		
IC514	A-2	●Q411	J-2	●Q722	F-2		
IC515	C-1	●Q412	J-2	●Q723	G-2		
IC516	C-1	●Q513	K-2	●Q724	F-2		
IC601	E-5	●Q514	K-2	●Q725	F-2		
IC602	D-4	●Q515	K-2	●Q726	F-1		
IC603	D-3	●Q416	J-2	●Q727	F-1		
IC604	D-3	●Q417	H-2				
IC605	D-3	●Q418	H-2	RV101	L-1		
IC606	E-3	●Q501	A-1	RV102	K-1		
IC607	D-2	Q502	A-1	RV103	P-4		
IC608	E-2	Q503	A-1	RV201	M-3		
IC610	D-2	Q504	A-1	RV301	J-1		
IC612	D-2	Q505	B-1	RV302	H-1		
IC613	C-2	Q506	B-1	RV303	K-4		
IC701	F-1	Q507	C-2	RV401	H-3		
IC702	F-1	●Q508	B-4	RV501	B-4		
IC703	R-3	●Q509	C-3	RV502	C-3		
IC704	R-4	●Q510	B-4	RV503	C-3		
IC705	R-4	●Q511	C-2	RV504	B-4		

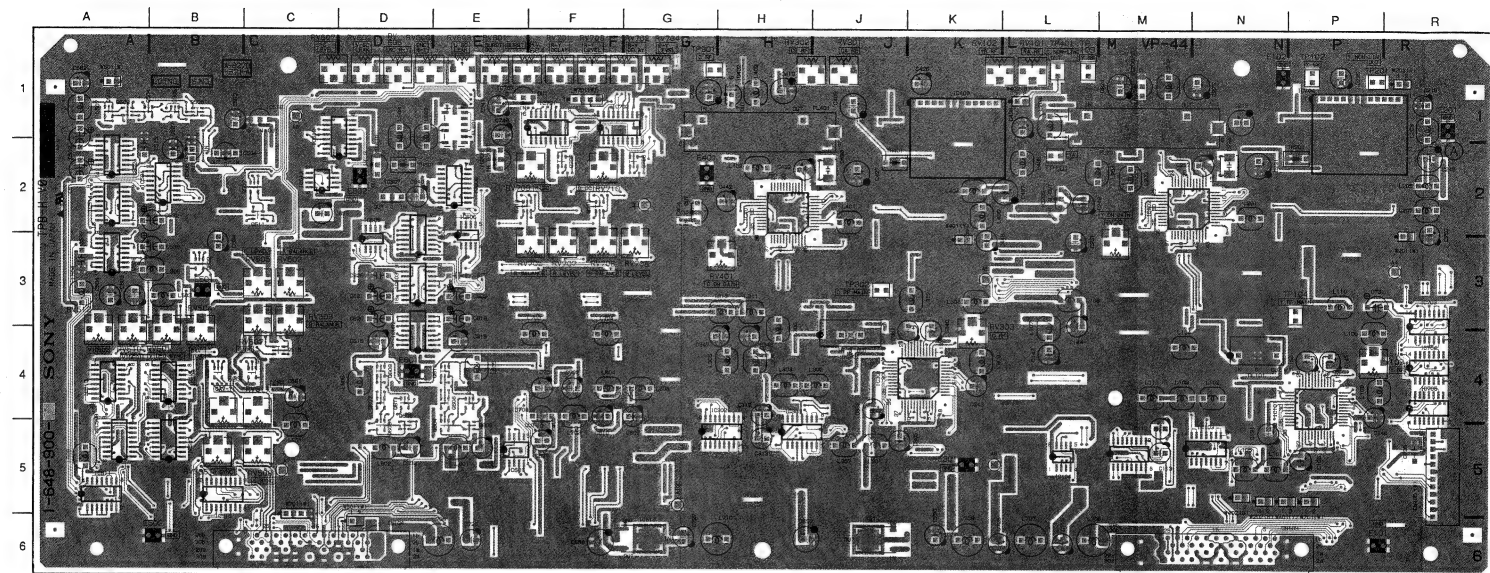
\* : B SIDE

— : UVW-1400/1400P ONLY

N : UVW-1400/1200 ONLY

P : UVW-1400P/1200P ONLY

VP-44/44A/44P/44AP ; Y/C PB PROCESS (PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX

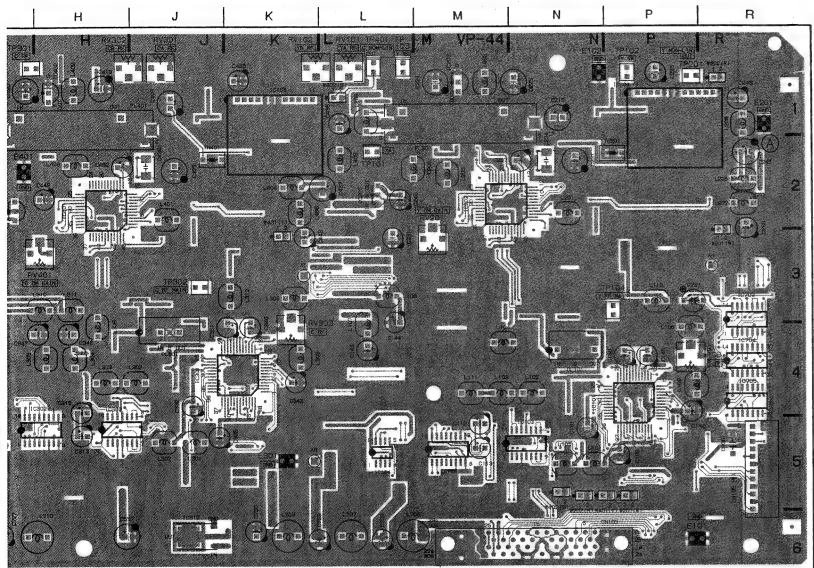


VP-44/44A 1-648-900-12,13 A SIDE

UVW-1400 (J) ; Serial No. 10421 and higher  
 UVW-1400 (UC) ; Serial No. 11051 and higher  
 UVW-1400P(EK) ; Serial No. 11491 and higher  
 UVW-1200 (J) ; Serial No. 10351 and higher  
 UVW-1200 (UC) ; Serial No. 11091 and higher  
 UVW-1200P(EK) ; Serial No. 11721 and higher



## PUT DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-12,13 A SIDE

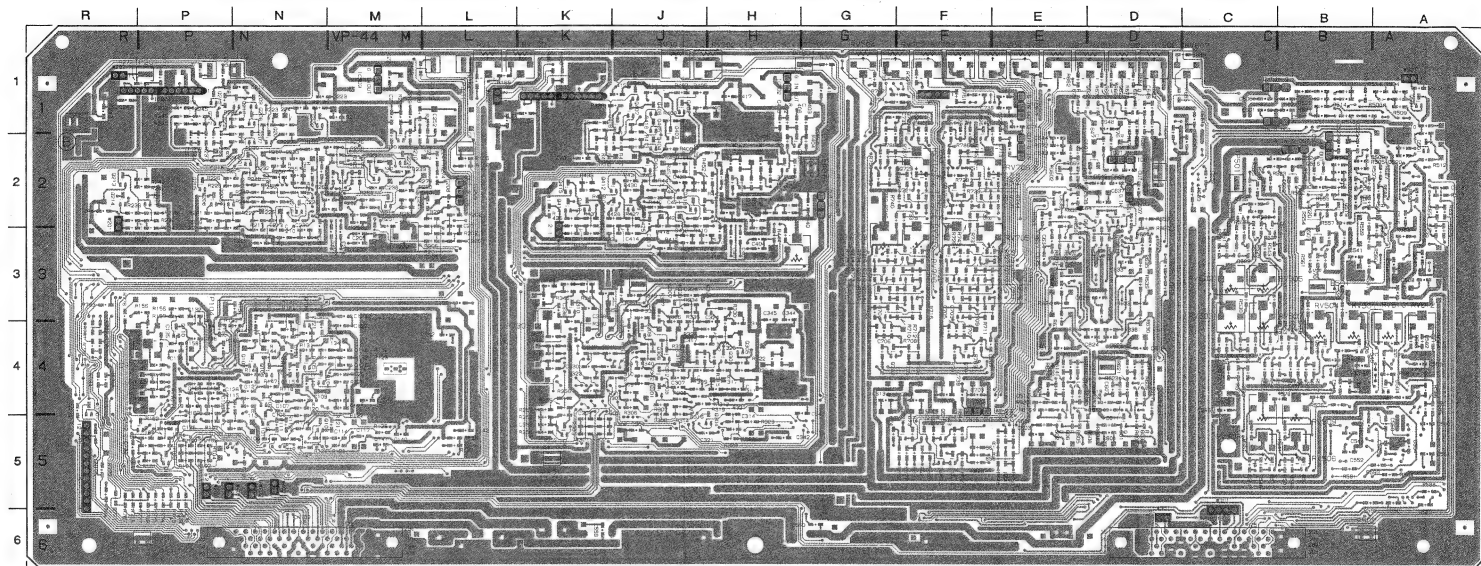
VP-44/44A/44P/44AP (1/648-900-12,13)

CN103	N-6	IC706	E-2	Q511	C-2	RV504	B-4
CN104	C-6	IC707	E-1	* Q512	G-2	RV505	C-3
CN105	H-5	IC708	F-4	* Q513	B-5	RV506	B-5
				* Q514	C-2	RV507	C-3
DL101	N-4	Q51	B-5	Q515	C-4	RV508	C-5
DL301	J-4	* Q101	N-5	* Q516	B-2	RV509	B-4
		* Q102	N-4	* Q517	C-5	RV510	A-4
* D201	N-2	* Q103	N-5	* Q518	C-4	RV511	C-4
* D401	J-2	* Q104	N-4	* Q519	B-2	RV512	A-4
* D501	A-2	* Q105	N-4	* Q520	B-2	RV601	P-1
* D502	B-2	* Q106	N-3	* Q521	B-4	RV602	D-1
* D503	B-3	* Q107	N-3	* Q522	B-3	RV603	E-1
* D504	A-4	* Q108	N-4	* Q523	C-4	RV604	E-1
* D601	D-2	* Q109	N-4	* Q601	D-5	RV605	D-1
* D701	R-4	* Q110	P-4	* Q602	E-5	RV606	D-1
		* Q111	P-5	Q603	D-5	RV607	C-1
E101	P-6	* Q112	P-5	Q604	E-5	RV701	F-1
E102	N-1	* Q201	M-2	Q605	D-5	RV702	G-1
E201	R-1	* Q202	N-1	Q606	E-5	RV703	F-1
E301	K-5	* Q203	P-2	Q607	D-4	RV704	G-1
E401	G-2	* Q204	N-2	Q608	E-4	RV705	F-3
E501	B-3	* Q205	P-2	Q609	D-4	RV706	F-3
E502	B-6	* Q206	P-2	Q610	E-4	RV707	F-3
E601	D-4	* Q207	N-2	Q611	D-4	RV708	G-3
E602	D-2	* Q208	N-1	Q612	E-4	RV709	F-2
		* Q209	N-1	* Q613	F-5	RV710	F-2
FL201	M-1	* Q210	N-1	* Q614	F-5		
FL401	H-1	* Q211	P-2	* Q615	F-5	TH201	P-2
FL601	E-1	* Q212	P-1	* Q616	D-2	TH401	J-2
		* Q213	R-2	* Q617	D-2	TH601	D-2
IC101	P-4	* Q214	R-2	* Q618	D-3		
IC102	M-5	* Q215	P-1	* Q619	E-3	TP101	L-2
IC103	N-5	* Q216	N-2	* Q620	F-5	TP102	P-1
IC104	L-5	* Q217	M-2	* Q621	F-5	TP103	L-1
IC202	M-2	* Q218	M-2	* Q622	D-1	TP104	P-3
IC203	M-1	* Q219	M-2	* Q623	D-1	TP201	P-1
IC204	P-1	* Q220	M-2	* Q624	D-1	TP301	G-1
IC205	L-2	* Q301	J-4	* Q701	F-4	TP302	J-3
IC301	K-4	* Q302	J-4	* Q702	G-4	TP401	L-1
IC302	G-5	* Q303	H-4	* Q703	F-3		
IC303	H-5	* Q304	H-5	* Q704	G-3		
IC401	H-2	* Q305	H-4	* Q705	F-3		
IC402	H-1	* Q306	H-3	* Q706	F-3		
IC403	K-1	* Q307	J-3	* Q707	F-3		
IC404	G-2	* Q308	J-4	* Q708	F-3		
IC501	B-2	* Q309	J-4	* Q709	F-3		
IC502	A-2	* Q310	K-3	* Q710	F-3		
IC504	B-2	* Q311	K-5	* Q711	G-3		
IC505	B-2	* Q401	H-2	* Q712	G-3		
IC506	A-3	* Q402	J-1	* Q713	F-3		
IC507	B-5	* Q403	J-1	* Q714	F-3		
IC508	B-4	* Q404	J-2	* Q715	F-3		
IC509	A-5	* Q405	J-1	* Q716	G-3		
IC510	A-4	* Q406	J-1	* Q717	F-2		
IC511	A-5	* Q407	J-1	* Q718	E-2		
IC512	J-6	* Q408	J-1	* Q719	F-2		
IC513	G-6	* Q409	J-2	* Q720	D-2		
IC514	A-2	* Q410	J-1	* Q721	F-2		
IC515	B-5	* Q411	J-2	* Q722	F-2		
IC516	C-1	* Q412	J-2	* Q723	G-2		
IC601	E-5	* Q413	K-2	* Q724	F-2		
IC602	D-4	* Q414	K-2	* Q725	F-2		
IC603	D-3	* Q415	K-2	* Q726	F-1		
IC604	D-3	* Q416	J-2	* Q727	F-1		
IC605	D-3	* Q417	H-2				
IC606	E-3	* Q418	H-2	RV101	L-1		
IC607	D-2	* Q501	A-1	RV102	K-1		
IC608	E-2	* Q502	A-1	RV103	P-4		
IC610	D-2	* Q503	A-1	RV201	M-3		
IC612	D-2	* Q504	A-1	RV301	J-1		
IC613	C-2	* Q505	B-1	RV302	H-1		
IC701	F-2	* Q506	B-1	RV303	K-4		
IC702	F-2	* Q607	C-2	RV401	L-3		
IC703	R-4	* Q508	B-4	RV501	B-4		
IC704	R-4	* Q509	C-3	RV502	C-3		
IC705	R-4	* Q510	B-4	RV503	C-3		

\* : B SIDE

P : UVW-1400P/1200P ONLY

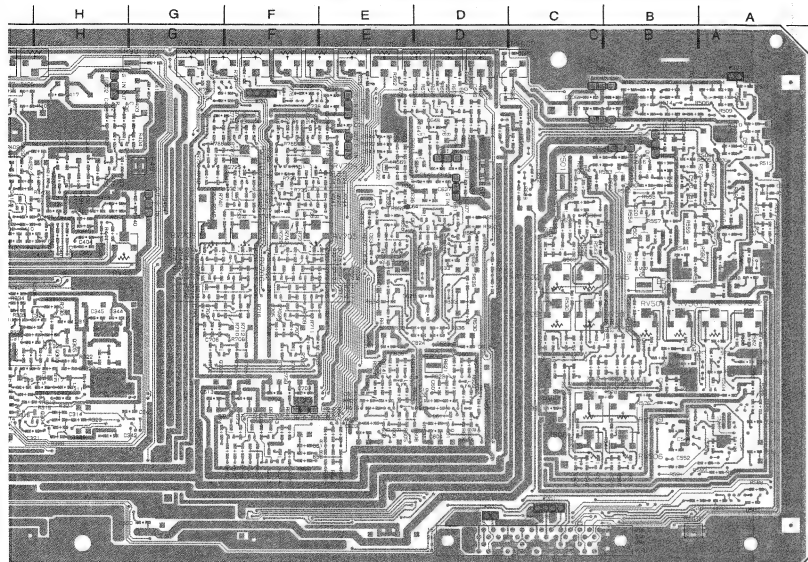
VP-44/44A/44P/44AP ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-11 B SIDE

UVW-1400 (J) ; Serial No. 10001 through 10420  
UVW-1400 (UC) ; Serial No. 10001 through 11050  
UVW-1400P(EK); Serial No. 10001 through 11490  
UVW-1200 (J) ; Serial No. 10001 through 10350  
UVW-1200 (UC) ; Serial No. 10001 through 11090  
UVW-1200P(EK); Serial No. 10001 through 11720

## T DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-11 B SIDE

VP-44/44A/44P/44AP(1-648-900-11)

CN103	N-6	IC706	E-2	●Q612	C-2	RV505	C-3
CN105	R-5	IC707	E-1	●Q513	B-5	RV506	B-5
CN601	C-6	IC708	F-5	●Q514	C-6	RV507	C-3
				Q515	G-4	RV508	C-5
DL101	N-4	●Q101	N-5	●Q516	B-2	RV509	B-4
DL301	J-4	●Q102	N-4	●Q517	C-5	RV510	A-4
		●Q103	N-5	●Q518	C-4	RV511	C-4
●D201	N-2	●Q104	N-4	●Q519	B-2	RV512	A-4
●D401	J-2	●Q105	N-4	●Q520	B-2	RV601	P-E1
●D501	A-2	●Q106	N-3	Q521	B-4	RV602	D-1
●D502	B-2	●Q107	N-3	Q522	B-3	RV603	E-1
●D503	B-3	●Q108	N-4	Q523	C-4	RV604	E-1
●D504	A-4	●Q109	N-4	●Q601	D-3	RV605	D-1
●D601	D-2	●Q110	P-4	●Q602	E-5	RV606	D-1
●D701	R-4	●Q111	P-5	Q603	D-5	RV607	C-1
		●Q112	P-5	Q604	E-5	RV701	F-1
E101	P-6	●Q201	M-2	Q605	D-5	RV702	G-1
E102	N-1	●Q202	N-1	Q606	E-5	RV703	F-1
E201	R-1	●Q203	P-2	Q607	D-4	RV704	G-1
E301	K-5	●Q204	N-2	Q608	E-4	RV705	F-3
E401	G-2	●Q205	P-2	Q609	D-4	RV706	F-3
E501	B-3	●Q206	P-2	Q610	E-4	RV707	F-3
E502	B-6	●Q207	N-2	Q611	D-4	RV708	G-3
E601	D-4	●Q208	N-1	Q612	E-4	RV709	F-2
E602	D-2	●Q209	N-1	●Q613	F-5	RV710	F-2
		●Q210	N-1	●Q614	F-6		
FL201	M-1	●Q211	P-2	●Q615	F-5	TH201	P-2
FL401	H-1	●Q212	P-1	●Q616	D-2	TH401	J-2
FL601	E-1	●Q213	R-2	●Q617	D-2	●TH601	P-D-1
		●Q214	R-2	●Q618	D-3		
IC101	P-4	●Q215	P-1	●Q619	E-3	TP101	L-2
IC102	M-5	●Q216	N-2	●Q620	F-5	TP102	P-1
IC103	N-5	●Q217	M-2	●Q621	F-5	TP103	L-1
IC104	L-5	●Q218	M-2	●Q622	D-1	TP104	P-3
IC202	M-2	●Q219	M-2	●Q623	D-1	TP201	P-1
IC203	M-1	●Q220	M-2	●Q624	D-1	TP301	G-1
IC204	P-1	●Q301	J-4	●Q701	F-4	TP302	J-3
IC205	L-2	●Q302	J-4	●Q702	G-4	TP401	L-1
IC301	K-4	●Q303	H-4	●Q703	F-3	TP501	C-2
IC302	H-5	●Q304	H-5	●Q704	G-3		
IC303	H-5	●Q305	H-4	●Q705	F-3		
IC401	H-2	●Q306	H-3	●Q706	F-3		
IC402	H-1	●Q307	J-3	●Q707	F-3		
IC403	K-1	●Q308	J-4	●Q708	F-3		
IC404	G-2	●Q309	J-4	●Q709	F-3		
IC501	B-2	●Q310	K-3	●Q710	F-3		
IC502	A-2	●Q311	K-5	●Q711	G-3		
IC504	B-2	●Q401	H-2	●Q712	G-3		
IC505	B-2	●Q402	J-1	●Q713	F-3		
IC506	A-3	●Q403	J-1	●Q714	G-3		
IC507	B-5	●Q404	J-2	●Q715	F-3		
IC508	B-4	●Q405	J-1	●Q716	F-3		
IC509	A-5	●Q406	J-1	●Q717	F-2		
IC510	A-4	●Q407	J-1	●Q718	E-2		
IC511	A-5	●Q408	J-1	●Q719	F-2		
IC512	J-6	●Q409	J-2	●Q720	F-2		
IC513	G-6	●Q410	J-1	●Q721	F-2		
IC514	A-2	●Q411	J-2	●Q722	F-2		
IC515	N	●Q412	J-2	●Q723	G-2		
IC516	C-1	●Q413	K-2	●Q724	F-2		
IC601	E-5	●Q414	K-2	●Q725	F-2		
IC602	D-4	●Q415	K-2	●Q726	F-1		
IC603	D-3	●Q416	J-2	●Q727	F-1		
IC604	D-3	●Q417	H-2				
IC605	D-3	●Q418	H-2	RV101	L-1		
IC606	E-3	●Q501	A-1	RV102	K-1		
IC607	D-2	Q502	A-1	RV103	P-4		
IC608	E-2	Q503	A-1	RV201	M-3		
IC610	D-2	Q504	A-1	RV301	J-1		
IC612	D-2	Q505	B-1	RV302	H-1		
IC613	C-2	Q506	B-1	RV303	K-4		
IC701	F-1	Q507	C-2	RV401	H-3		
IC702	F-1	●Q508	B-4	RV501	B-4		
IC703	R-3	●Q509	C-3	RV502	C-3		
IC704	R-4	●Q510	B-4	RV503	C-3		
IC705	R-4	Q511	C-2	RV504	B-4		

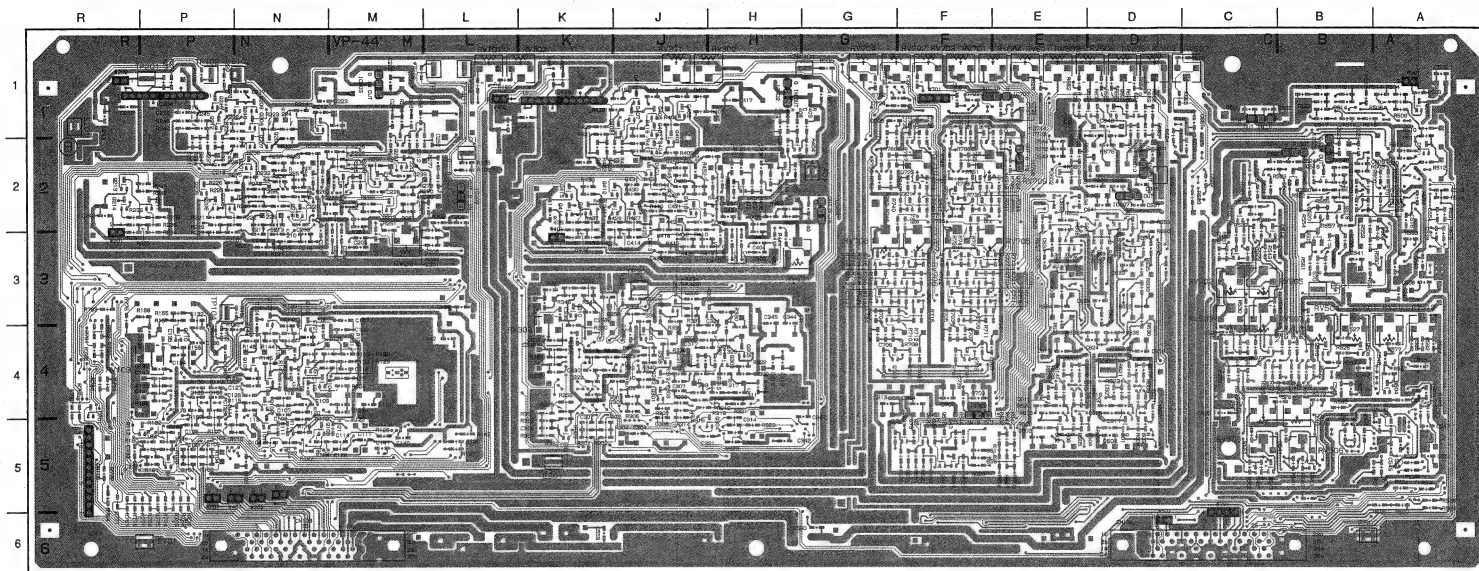
\* : B SIDE

— : UVW-1400/1400P ONLY

N : UVW-1400/1200 ONLY

P : UVW-1400P/1200P ONLY

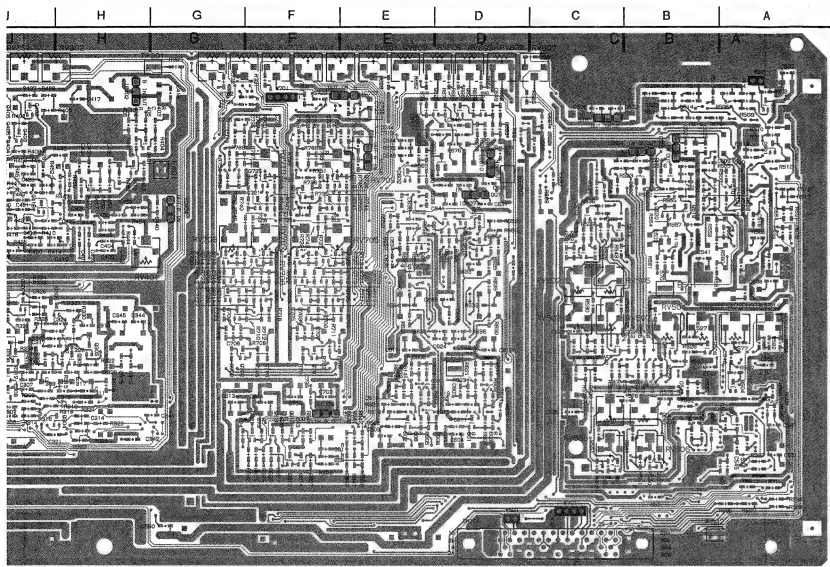
VP-44/44A/44P/44AP ; Y/C PB PROCESS (PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-12,13 B SIDE

UVW-1400 (J) ; Serial No. 10421 and higher  
UVW-1400 (UC) ; Serial No. 11051 and higher  
UVW-1400P(EK) ; Serial No. 11491 and higher  
UVW-1200 (J) ; Serial No. 10351 and higher  
UVW-1200 (UC) ; Serial No. 11091 and higher  
UVW-1200P(EK) ; Serial No. 11721 and higher

## OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX



VP-44/44A 1-648-900-12,13 B SIDE

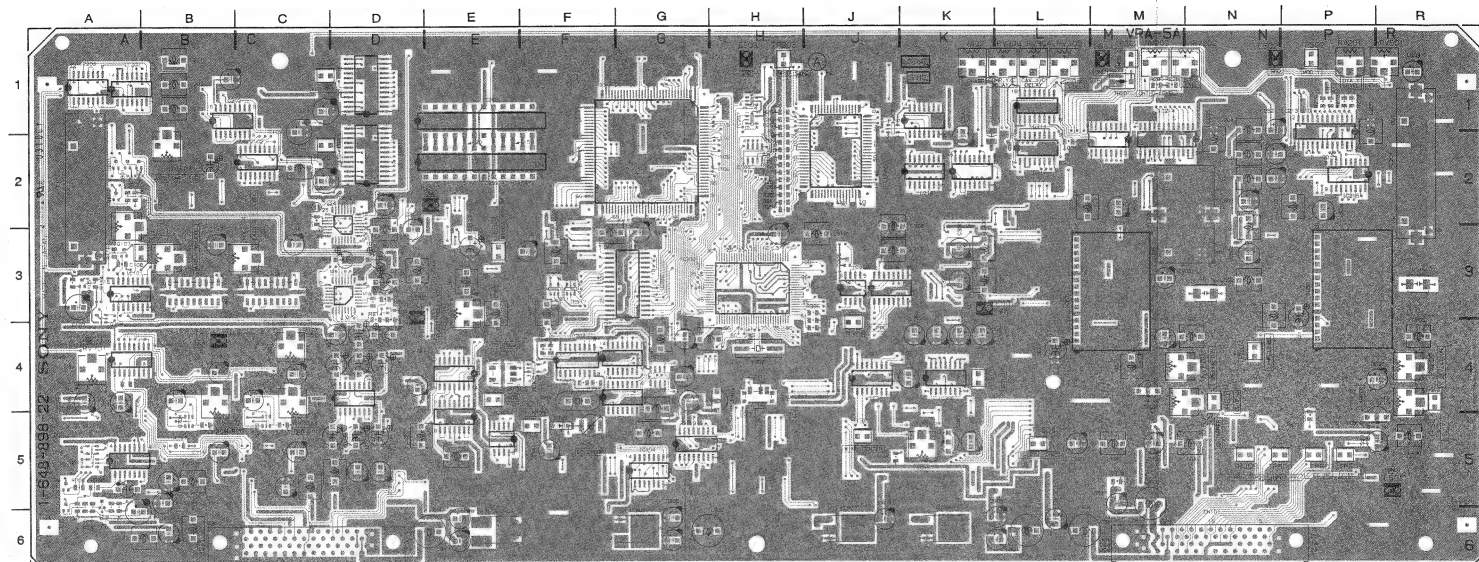
VP-44/44A/44P/44AP (1-648-900-12,13)

CN103	N-6	IC706	E-2	Q511	C-2	RV504	B-4
CN104	C-6	IC707	E-1	Q512	C-2	RV505	C-3
CN105	R-5	IC708	F-4	Q513	B-5	RV506	B-5
				Q514	C-5	RV507	C-3
DL101	N-4	Q51	B-5	Q515	C-4	RV508	C-5
DL301	J-4	Q101	N-5	Q516	B-2	RV509	B-4
		Q102	N-4	Q517	C-5	RV510	A-4
D201	N-2	Q103	N-5	Q518	C-4	RV511	C-4
D401	J-2	Q104	N-4	Q519	B-2	RV512	A-4
D501	A-2	Q105	N-4	Q520	B-2	RV601 P	E-1
D502	B-2	Q106	N-3	Q521	B-4	RV602	D-1
D503	B-3	Q107	N-3	Q522	B-3	RV603	E-1
D504	A-4	Q108	N-4	Q523	C-4	RV604	E-1
D601	D-2	Q109	N-4	Q601	D-5	RV605	D-1
D701	R-4	Q110	P-4	Q602	E-5	RV606	D-1
		Q111	P-5	Q603	D-5	RV607	C-1
E101	P-6	Q112	P-5	Q604	E-5	RV701	F-1
E102	N-1	Q201	M-2	Q605	D-5	RV702	G-1
E201	R-1	Q202	N-1	Q606	E-5	RV703	F-1
E301	K-5	Q203	P-2	Q607	D-4	RV704	G-1
E401	G-2	Q204	N-2	Q608	E-4	RV705	F-3
E501	B-3	Q205	P-2	Q609	D-4	RV706	F-3
E502	B-6	Q206	P-2	Q610	E-4	RV707	F-3
E601	D-4	Q207	N-2	Q611	D-4	RV708	G-3
E602	D-2	Q208	N-1	Q612	E-4	RV709	F-2
		Q209	N-1	Q613	F-5	RV710	F-2
FL201	M-1	Q210	N-1	Q614	P-5	TH201	P-2
FL401	H-1	Q211	P-2	Q615	F-5	TH401	J-2
FL601	E-1	Q212	P-1	Q616	D-2	TH601	D-2
		Q213	R-2	Q617	D-2		
IC101	P-4	Q214	R-2	Q618	D-3		
IC102	M-5	Q215	P-1	Q619	E-3	TP101	L-2
IC103	N-5	Q216	N-2	Q620	F-5	TP102	P-1
IC104	L-5	Q217	M-2	Q621	F-3	TP103	L-1
IC202	M-2	Q218	M-2	Q622	D-1	TP104	P-3
IC203	M-1	Q219	M-2	Q623	D-1	TP201	P-1
IC204	P-1	Q220	M-2	Q624	D-1	TP301	G-1
IC205	L-2	Q201	J-4	Q701	F-4	TP302	J-3
IC301	K-4	Q302	J-4	Q702	G-4	TP401	L-1
IC302	G-5	Q303	H-4	Q703	F-3		
IC303	H-5	Q304	H-5	Q704	G-3		
IC401	H-2	Q305	H-4	Q705	F-3		
IC402	H-1	Q306	H-3	Q706	F-3		
IC403	K-1	Q307	J-3	Q707	F-3		
IC404	G-2	Q308	J-4	Q708	F-3		
IC501	B-2	Q309	J-4	Q709	F-3		
IC502	A-2	Q310	K-3	Q710	F-3		
IC504	B-2	Q311	K-5	Q711	G-3		
IC505	B-2	Q401	H-2	Q712	G-3		
IC506	A-3	Q402	J-1	Q713	F-3		
IC507	B-5	Q403	J-1	Q714	F-3		
IC508	B-4	Q404	J-2	Q715	F-3		
IC509	A-5	Q405	J-1	Q716	G-3		
IC510	A-4	Q406	J-1	Q717	F-2		
IC511	A-5	Q407	J-1	Q718	E-2		
IC512	J-6	Q408	J-1	Q719	F-2		
IC513	G-6	Q409	J-2	Q720	F-2		
IC514	A-2	Q410	J-1	Q721	F-2		
IC515	B-5	Q411	J-2	Q722	F-2		
IC516	C-1	Q412	J-2	Q723	G-2		
IC601	E-5	Q413	K-2	Q724	F-2		
IC602	D-4	Q414	K-2	Q725	F-2		
IC603	D-3	Q415	K-2	Q726	F-1		
IC604	D-3	Q416	J-2	Q727	F-1		
IC605	D-3	Q417	H-2				
IC606	E-3	Q418	H-2	RV101	L-1		
IC607	D-2	Q501	A-1	RV102	K-1		
IC608	E-2	Q502	A-1	RV103	P-4		
IC610	D-2	Q503	A-1	RV201	M-3		
IC612	D-2	Q504	A-1	RV301	J-1		
IC613	C-2	Q505	B-1	RV302	H-1		
IC701	F-2	Q506	B-1	RV303	K-4		
IC702	F-2	Q507	C-2	RV401	H-3		
IC703	R-4	Q508	C-2	RV501	B-4		
IC704	R-4	Q509	C-3	RV502	C-3		
IC705	R-4	Q510	B-4	RV503	C-3		

\* : B SIDE

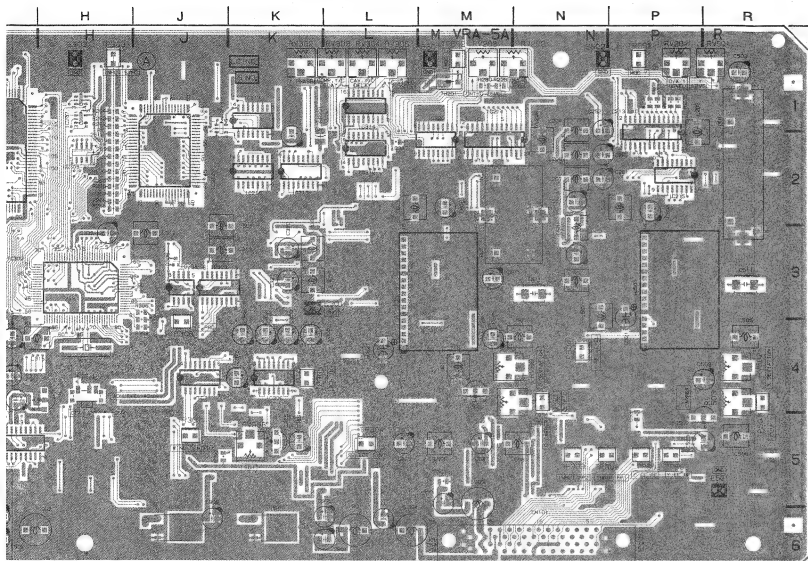
P : UUV-1400P/1200P ONLY

VRA-5A/5AP ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPRESS)



VRA-5A 1-648-898-22 A SIDE





VRA-5A 1-648-898-22 A SIDE

## VRA-5A/5AP(1-648-898-22)

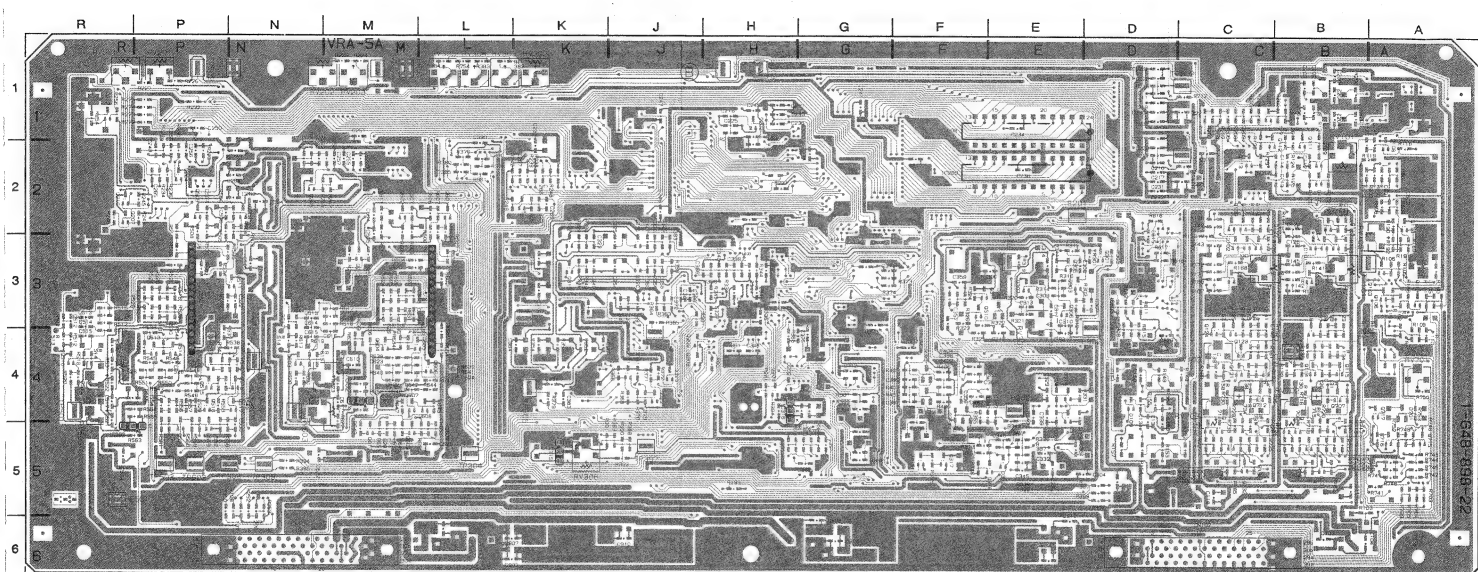
CN101	N6	IC502	R-5	●Q316	F-5	RV702	B-4
CN102	C-6	IC601	L-4	●Q317	F-5	RV703	C-4
		IC602	M-4	●Q318	F-5		
CV301	F-5	IC701	A-4	●Q319	K-3	S201	H-4
		IC702	A-5	●Q320	J-3		
●D101	B-3	IC703	H-2	●Q321	J-4	TH201	N M-1
●D102	C-3	IC704	F-4	●Q322	J-4	TP101	A-3
●D109	D-4	IC705	G-4	●Q323	J-4	TP201	C-2
●D202	H-4	IC706	G-4	●Q324	F-4	TP202	C-1
●D301	E-3	IC707	G-4	●Q325	F-4	TP301	E-3
●D302	P E-5	IC801	N D-3	●Q326	N-2	TP302	E-4
●D303	F-4	IC802	N D-2	●Q329	P-2	TP302	E-4
D305	F-5	IC901	K-6	●Q510	R-4	TP303	H-1
D306	J-3	IC902	G-6	●Q511	N-3	TP304	L-5
●D701	A-4	IC903	J-6	●Q512	P-4	TP305	K-4
D901	N A-2	IC904	E-6	●Q513	P-4	TP306	J-4
				●Q514	P-4	TP307	J-5
E101	B-4	LV301	E-4	●Q515	P-4	TP308	N-5
E201	E-2			●Q516	N-4	TP309	N-5
E301	K-3	●Q101	A-3	●Q517	N-4	TP310	F-5
E302	D-3	●Q102	A-5	●Q518	P-4	TP501	P-4
E303	H-1	●Q103	A-3	●Q519	P-5	TP502	P-1
E501	R-5	●Q104	A-4	●Q520	P-5	TP503	P-5
E502	N-1	●Q105	A-3	●Q601	L-2	TP504	N-4
E601	M-1	●Q106	A-3	●Q602	M-2	TP601	N-4
		●Q107	A-3	●Q603	N-4	TP602	M-1
FB201	K-2	●Q108	A-1	●Q604	M-4	TP603	P-5
		●Q109	B-2	●Q605	M-4		
FL101	A-2	●Q110	B-2	●Q606	L-4	X301	F-4
FL102	B-3	●Q111	B-1	●Q607	M-4	X302	H-4
FL103	C-3	●Q112	C-1	●Q608	L-4		
FL201	R-2	●Q113	C-2	●Q609	M-5		
FL202	N-2	●Q114	B-4	●Q610	M-5		
		●Q115	B-4	Q701	A-6		
IC101	A-3	●Q116	B-3	Q702	A-5		
IC102	C-2	●Q117	B-3	●Q703	B-5		
IC103	D-4	●Q118	B-3	Q704	B-5		
IC104	G-5	●Q119	B-3	●Q705	B-5		
IC201	A-1	●Q120	B-2	●Q706	B-5		
IC202	B-1	●Q121	C-4	●Q707	L-4		
IC203	A-1	●Q122	C-4	●Q708	C-5		
IC205	D-2	●Q123	C-4	Q709	C-5		
IC206	D-1	●Q124	C-3	●Q710	C-5		
IC208	E-1	●Q125	C-3	●Q711	C-5		
IC209	E-2	●Q126	C-3	●Q712	C-4		
IC210	G-2	●Q127	C-3	Q713	A-5		
IC211	H-1	●Q128	C-3	●Q714	A-5		
IC212	J-2	●Q129	C-2	●Q715	A-5		
IC213	P-1	●Q130	C-2	●Q716	A-6		
IC214	M-2	●Q131	B-5	●Q717	A-4		
IC215	P-2	●Q132	C-5	Q801	N A-2		
IC216	K-2	●Q133	A-2	Q802	N A-2		
IC217	N K-1	●Q201	C-1	Q803	N D-3		
IC218	K-2	●Q202	H-1	Q804	N D-3		
IC219	N J-1	●Q203	A-2				
IC220	M-2	●Q204	P-2	RV101	B-2		
IC301	E-4	●Q207	R-2	RV102	B-3		
IC302	H-3	●Q209	N-2	RV103	C-4		
IC303	E-6	●Q210	R-2	RV104	C-3		
IC304	E-5	●Q211	K-2	RV105	A-2		
IC305	F-4	●Q212	R-1	RV201	P-1		
IC306	K-4	●Q213	M-3	RV202	N-1		
IC307	F-3	●Q301	D-3	RV203	M-1		
IC308	J-3	●Q303	E-3	RV201	E-3		
IC309	J-3	●Q305	E-3	RV302	K-1		
IC310	G-3	●Q306	E-3	RV303	L-1		
IC311	J-4	●Q307	E-3	RV304	L-1		
IC312	L-2	●Q308	J-4	RV305	L-1		
IC313	G-5	●Q309	J-4	RV306	K-5		
IC314	L-1	●Q310	F-3	RV501	R-1		
IC315	K-5	●Q311	F-3	RV502	R-4		
IC316	H-4	●Q312	K-3	RV503	R-4		
IC317	F-3	●Q313	E-4	RV602	M-4		
IC501	P-4	●Q314	E-4	RV603	M-4		
		●Q315	J-3	RV701	A-4		

●: B SIDE

N: UVW-1400 ONLY

P: UVW-1400P ONLY

VRA-5A/5AP ; Y/C REC PROCESS(DECODE, MOD), CTDM(COMPRESS)

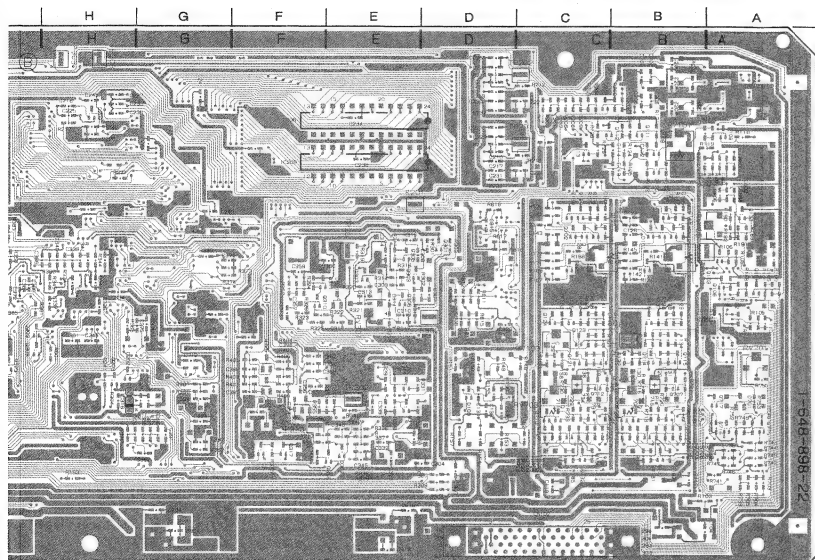


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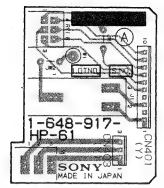


VRA-5A 1-648-898-22 B SIDE

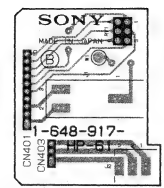
VRA-5A/5AP(1-648-898-22)

CN101	N-6	IC502	R-5	*Q316	F-5	RV702	B-4
CN102	C-6	IC601	L-4	*Q317	F-5	RV703	C-4
CV301	F-5	IC602	M-4	*Q318	E-5		
		IC701	A-4	*Q319	A-4	S201	H-4
		IC702	A-5	*Q320	J-3		
		IC703	H-2	*Q321	J-4	TH201	N M-1
*D101	B-3	IC704	F-4	*Q322	J-4		
*D102	C-3	IC705	G-4	*Q323	J-4	TP101	A-3
*D109	D-4	IC706	G-4	*Q324	F-4	TP201	C-2
D102	H-4	IC707	G-4	*Q325	F-4	TP202	C-1
*D301	E-3	IC801	N D-3	*Q326	N-2	TP301	E-3
*D302	P-6	IC802	N D-2	*Q327	P-2	TP302	E-4
D305	F-5	IC901	K-6	*Q328	P-4	TP303	H-1
D306	J-3	IC902	G-6	*Q329	N-3	TP304	L-5
*D701	A-4	IC903	J-6	*Q330	P-4	TP305	K-4
D801	N A-2	IC904	E-6	*Q331	P-4	TP306	J-4
				*Q332	P-4	TP307	J-5
E101	B-4	LV301	E-4	*Q333	P-4	TP308	N-5
E201	E-2			*Q334	P-4	TP309	N-5
E301	K-3	*Q101	A-3	*Q335	P-4	TP310	F-5
E302	D-3	Q102	A-5	*Q336	N-4	TP501	R-4
E303	H-1	Q103	A-1	*Q337	N-4	TP502	P-1
E501	R-5	Q104	A-4	*Q338	P-5	TP503	P-5
E502	N-1	Q105	A-3	*Q339	L-2	TP504	N-4
E601	M-1	*Q106	A-3	*Q340	M-2	TP601	N-4
		Q107	A-3	*Q341	L-2	TP602	M-1
FB201	K-2	Q108	A-4	*Q342	M-4		
		Q109	B-2	*Q343	M-4	TP603	P-5
FL101	A-2	Q110	B-2	*Q344	M-4		
FL102	B-3	Q111	B-1	*Q345	L-4	X301	F-4
FL103	C-3	Q112	C-1	*Q346	M-5		
FL201	R-2	Q113	C-2	*Q347	M-5		
FL202	N-2	Q114	C-2	*Q348	L-4		
		Q115	B-4	Q701	A-6		
IC101	A-3	Q116	B-3	Q702	A-5		
IC102	D-2	Q117	B-3	Q703	A-5		
IC103	D-4	Q118	B-3	Q704	B-5		
IC104	G-5	Q119	B-3	Q705	B-5		
IC201	A-1	Q120	A-1	Q706	B-5		
IC202	B-1	Q121	C-4	Q707	B-4		
IC203	A-1	Q122	C-4	Q708	B-5		
IC205	D-2	Q123	C-4	Q709	C-5		
IC206	D-1	Q124	C-3	Q710	C-5		
IC207	H-1	Q125	C-3	Q711	C-5		
IC208	E-1	Q126	C-3	Q712	A-6		
IC209	E-2	Q127	C-3	Q713	A-6		
IC210	G-2	Q128	C-3	Q714	C-3		
IC211	H-1	Q129	C-2	Q715	A-6		
IC212	J-2	Q130	C-2	Q716	A-6		
IC213	P-1	Q131	C-2	Q717	A-6		
IC214	M-2	Q132	C-5	Q801	N A-2		
IC215	A-2	Q133	C-2	Q802	N A-2		
IC216	K-2	Q201	C-1	Q803	N A-2		
IC217	N K-1	Q202	H-1	Q804	N D-3		
IC218	K-2	Q203	H-1				
IC219	N J-1	Q204	P-2	RV101	B-2		
IC220	M-2	Q207	R-2	RV102	B-3		
IC301	E-4	Q210	F-2	RV103	C-3		
IC302	H-3	Q210	R-2	RV104	C-3		
IC303	E-5	Q211	R-2	RV105	C-3		
IC304	E-5	Q212	R-1	RV201	P-1		
IC305	F-4	Q213	M-3	RV202	N-1		
IC306	D-4	Q214	M-3	RV203	N-1		
IC307	F-3	Q303	E-3	RV301	E-3		
IC308	J-3	Q305	E-3	RV302	K-1		
IC309	J-3	Q306	E-3	RV303	L-1		
IC310	G-3	Q307	E-3	RV304	L-1		
IC311	J-4	Q308	J-4	RV305	L-1		
IC312	L-2	Q309	L-1	RV306	N-3		
IC313	G-5	Q310	F-3	RV501	R-1		
IC314	L-1	Q311	F-3	RV502	R-4		
IC315	K-5	Q312	F-3	RV503	R-4		
IC316	H-4	Q313	E-4	RV602	M-4		
IC317	F-3	Q314	E-4	RV603	M-4		
IC501	P-4	Q315	E-3	RV604	M-4		
		Q316	E-3				

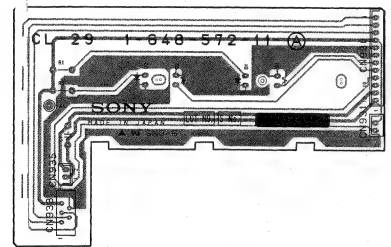
- CL-29 ; CASSETTE LOADING BEGIN/NEAR-END SENSOR
- HP-61 ; HEADPHONES JACK/VOLUME CONTROL
- PC-70 ; CASSETTE IN/LARGE CASSETTE SENSOR
- PD-35 ; PINCH SOLENOID



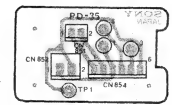
HP-61 1-648-917-11,12 A SIDE



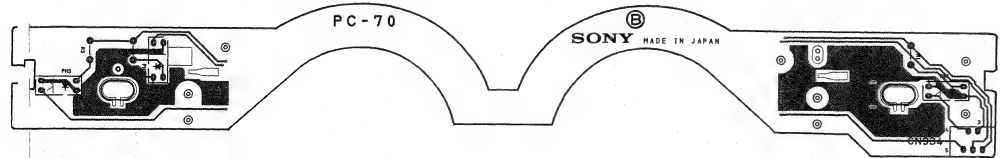
HP-61 1-648-917-11,12 B SIDE



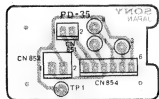
CL-29 1-648-572-11 A SIDE



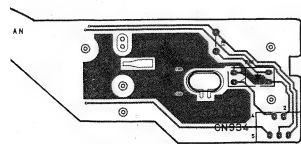
PD-35 1-622-596-11 A SIDE



PC-70 1-648-571-11 B SIDE

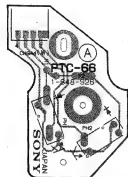


PD-35 1-622-596-11 A SIDE

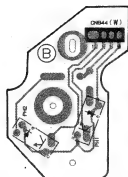


PC-70 1-648-571-11 B SIDE

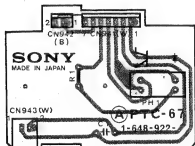
PTC-66 : REEL POSITION  
 PTC-67 : THREADING FG/MOTOR  
 PTC-68 : THREAD END/UNTHREAD END SENSOR  
 RM-126 : S-REEL MOTOR  
 RM-127 : T-REEL MOTOR  
 SE-207 : REEL FG  
 TR-84 : S-TENSION SENSOR  
 VR-155 : AUDIO REC LEVEL



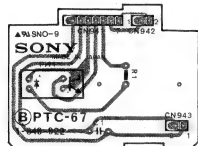
PTC-66 1-648-926-11,12 A SIDE



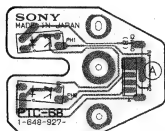
PTC-66 1-648-926-11,12 B SIDE



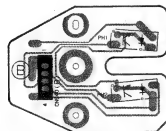
PTC-67 1-648-922-11,12 A SIDE



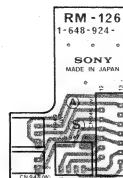
PTC-67 1-648-922-11,12 B SIDE



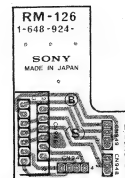
PTC-68 1-648-927-11,12 A SIDE



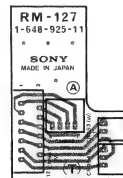
PTC-68 1-648-927-11,12 B SIDE



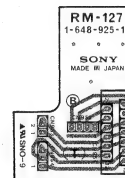
RM-126 1-648-924-11,12 A SIDE



RM-126 1-648-924-11,12 B SIDE



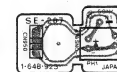
RM-127 1-648-925-11 A SIDE



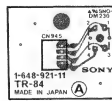
RM-127 1-648-925-11 B SIDE



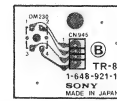
SE-207 1-648-923-11,12 A SIDE



SE-207 1-648-923-11,12 B SIDE



TR-84 1-648-921-11 A SIDE



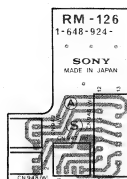
TR-84 1-648-921-11 B SIDE



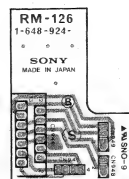
VR-155 1-648-916-11 A SIDE



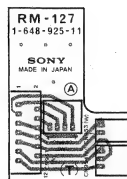
VR-155 1-648-916-11 B SIDE



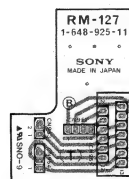
RM-126 1-648-924-11,12 A SIDE



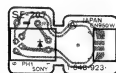
RM-126 1-648-924-11,12 B SIDE



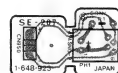
RM-127 1-648-925-11 A SIDE



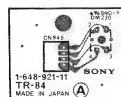
RM-127 1-648-925-11 B SIDE



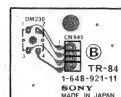
SE-207 1-648-923-11,12 A SIDE



SE-207 1-648-923-11,12 B SIDE



TR-84 1-648-921-11 A SIDE



TR-84 1-648-921-11 B SIDE

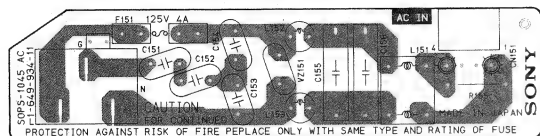


VR-155 1-648-916-11 A SIDE

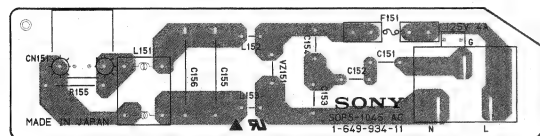


VR-155 1-648-916-11 B SIDE

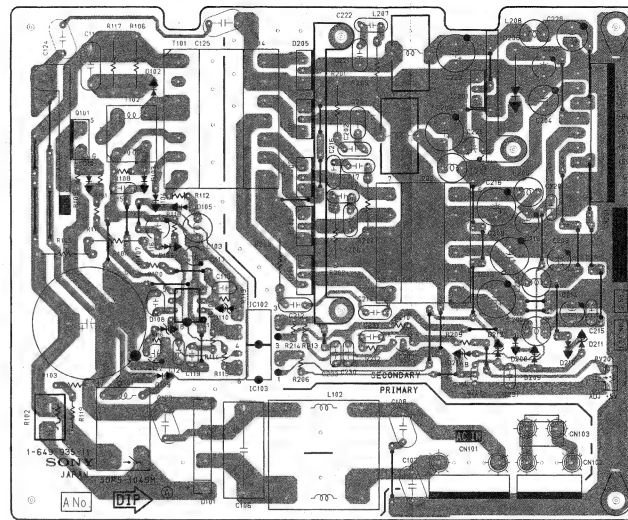
SOPS-1045AC ; POWER SUPPLY(SWITCHING REGULATOR) (FOR J, UC)  
 SOPS-1045M ; POWER SUPPLY(SWITCHING REGULATOR) (FOR J, UC)  
 SOPS-1046M ; POWER SUPPLY(SWITCHING REGULATOR) (FOR EK)



SOPS-1045 AC 1-649-934-11 A SIDE



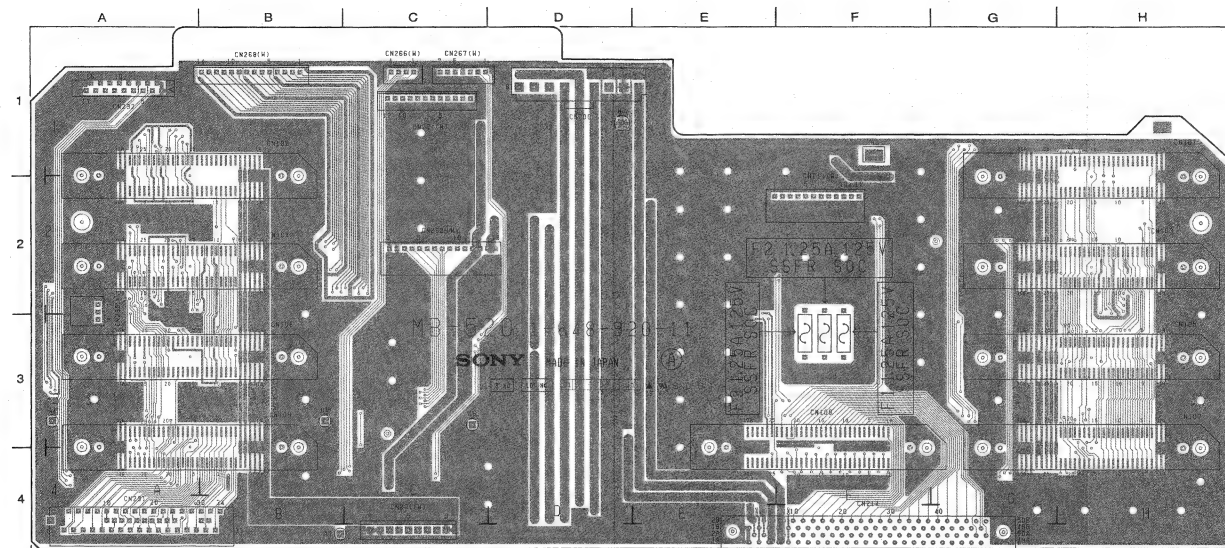
SOPS-1045 AC 1-649-934-11 B SIDE



SOPS-1045 M, SOPS-1046 M A SIDE



## MB-520/520P ; MOTHER BOARD



MB-520 1-648-920-11 A SIDE

MB-520/520P(1)

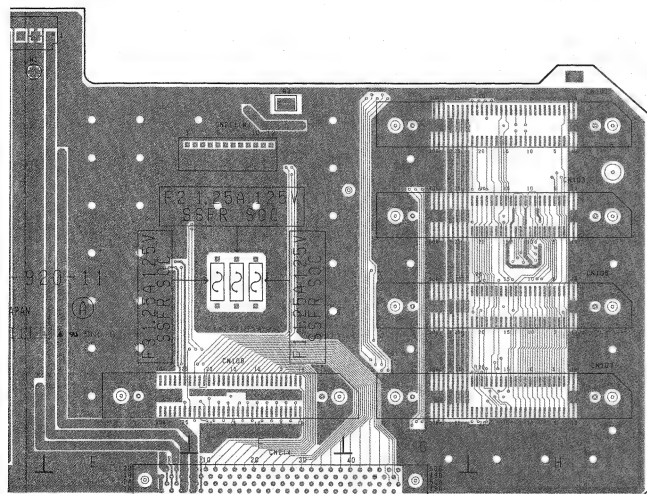
CN101	H
CN102	B
CN103	H
CN104	B
CN105	H
CN106	B
CN107	H
CN108	F
CN109	B
CN200	D
CN201	C
CN211	F
CN214	F
CN231	A
CN232	A
CN235	A
CN262	C
CN266	C
CN267	C
CN268	B
CN271	C

PS1	P.F.
PS2	P.F.
PS3	P.F.

P : UVW-1400



E F G H



MB-520 1-648-920-11 A SIDE

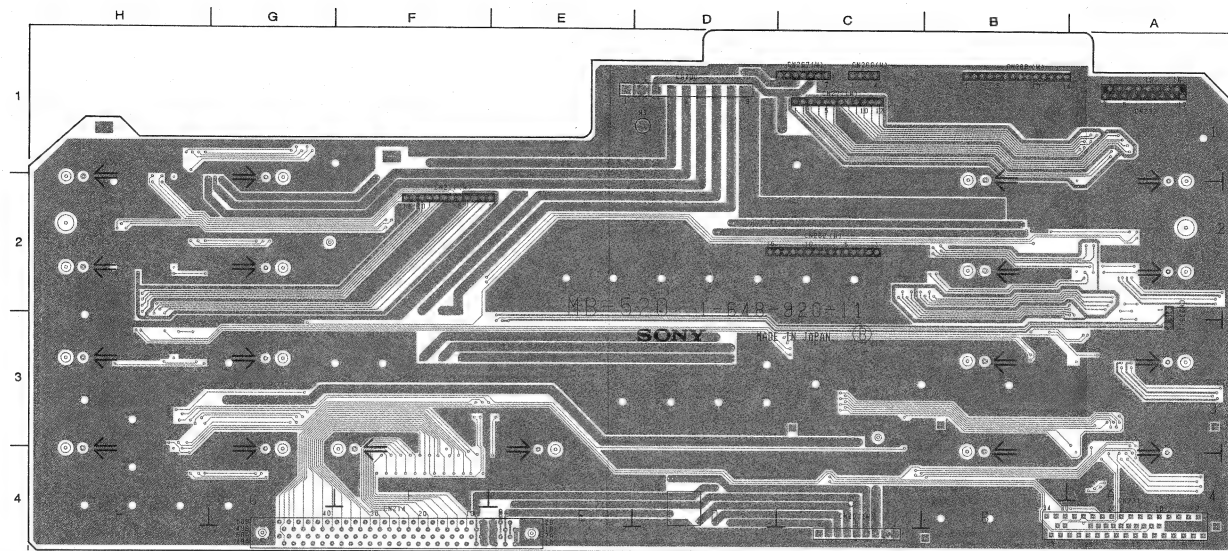
MB-520/520P(1-648-920-11)

CN101 H-1  
 CN102 B-1  
 CN103 H-2  
 CN104 B-2  
 CN105 H-3  
 CN106 B-3  
 CN107 H-3  
 CN108 F-3  
 CN109 B-3  
 CN200 D-1  
 CN201 C-4  
 CN211 F-2  
 CN214 F-4  
 CN231 A-4  
 CN232 A-1  
 CN235 A-2  
 CN262 C-2  
 CN266 C-1  
 CN267 C-1  
 CN268 B-1  
 CN271 C-1

PS1 P F-3  
 PS2 P F-3  
 PS3 P F-3

P : UVW-1400P ONLY

MB-520/520P ; MOTHER BOARD



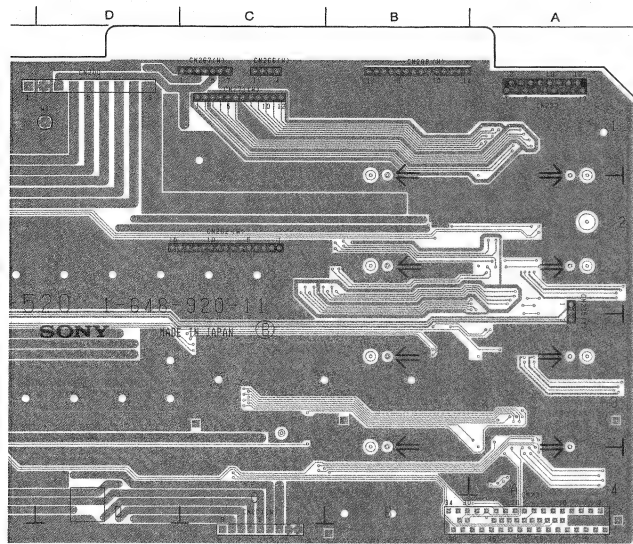
MB-520 1-648-920-11 B SIDE

MB-520/520P(1

CN101 H.  
CN102 B.  
CN103 H.  
CN104 B.  
CN105 H.  
CN106 B.  
CN107 H.  
CN108 F.  
CN109 B.  
CN200 D.  
CN201 C.  
CN211 F.  
CN214 F.  
CN231 A.  
CN232 A.  
CN235 A.  
CN262 C.  
CN266 C.  
CN267 C.  
CN268 B.  
CN271 C.

PS1 P.F.1  
PS2 P.F.2  
PS3 P.F.2

P : UVW-1400P



MB-520 1-648-920-11 B SIDE

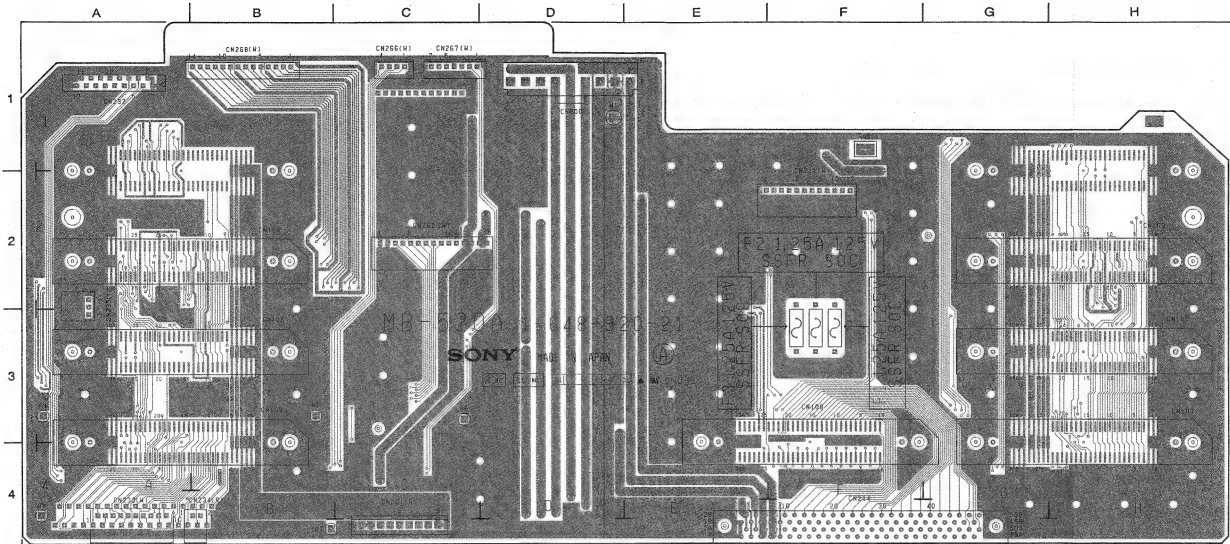
MB-520/520P(1-648-920-11)

CN101 H-1  
 CN102 B-1  
 CN103 H-2  
 CN104 B-2  
 CN105 H-3  
 CN106 B-3  
 CN107 H-3  
 CN108 F-3  
 CN109 B-3  
 CN200 D-1  
 CN201 C-4  
 CN211 F-2  
 CN214 F-4  
 CN231 A-4  
 CN232 A-1  
 CN235 A-2  
 CN262 C-2  
 CN266 C-1  
 CN267 C-1  
 CN268 B-1  
 CN271 C-1

PS1 P F-3  
 PS2 P F-3  
 PS3 P F-3

P : UVW-1400P ONLY

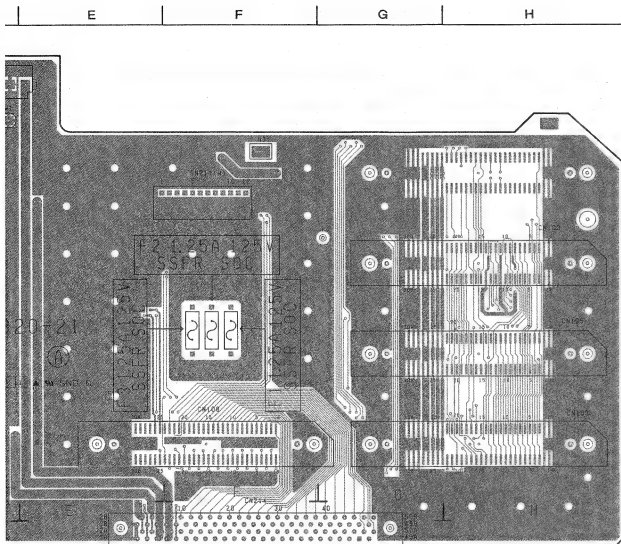
MB-520A/520AP ; MOTHER BOARD



MB-520A 1-648-920-21 A SIDE

MB-520A/520	
CN103	F
CN104	E
CN105	I
CN106	E
CN107	F
CN108	F
CN109	E
CN109	E
CN200	C
CN201	C
CN211	F
CN214	/
CN232	/
CN233	/
CN234	E
CN235	/
CN262	C
CN266	C
CN267	E
CN268	E
PS1	P F
PS2	P F
PS3	P F

P : UVW-120X



MB-520A 1-648-920-21 A SIDE

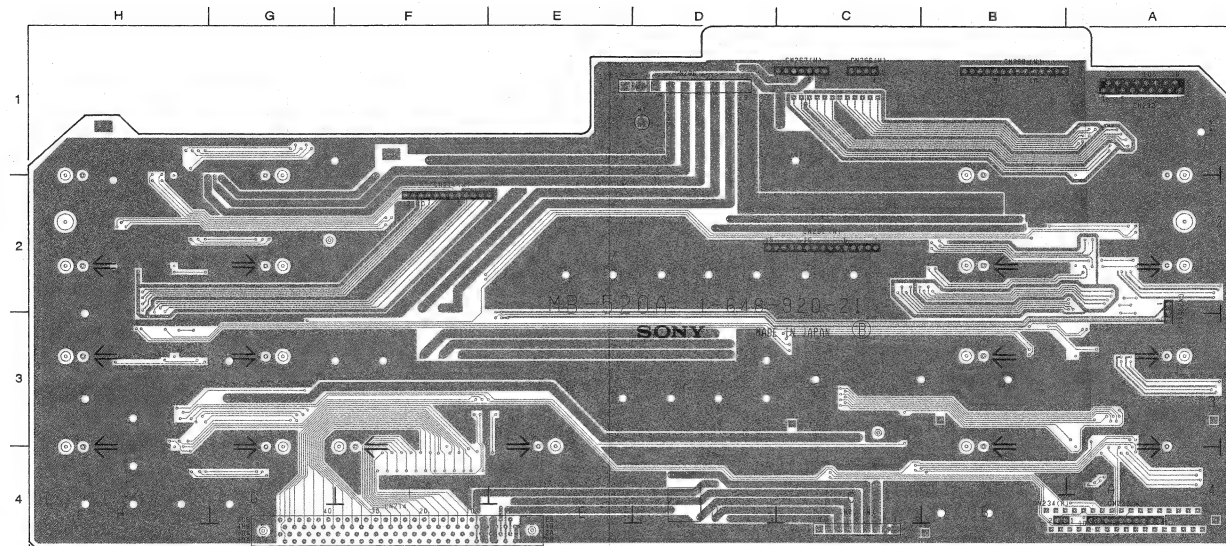
MB-520A/520AP(1-648-920-21)

CN103 H-2  
 CN104 B-2  
 CN105 H-3  
 CN106 B-3  
 CN107 H-3  
 CN108 F-3  
 CN109 B-3  
 CN200 D-1  
 CN201 C-4  
 CN211 F-2  
 CN214 F-4  
 CN232 A-1  
 CN233 A-4  
 CN234 B-4  
 CN235 A-2  
 CN262 C-2  
 CN266 C-1  
 CN267 C-1  
 CN268 B-1

PS1 P F-3  
 PS2 P F-3  
 PS3 P F-3

P : UVW-1200P ONLY

MB-520A/520AP ; MOTHER BOARD



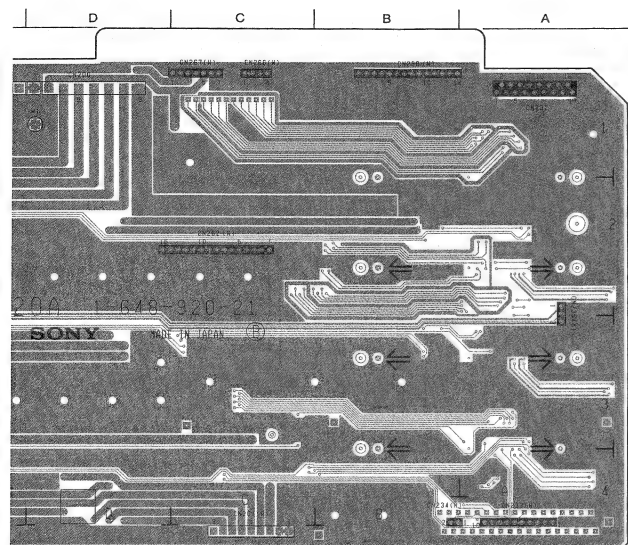
MB-520A 1-648-920-21 B SIDE

MB-520A/520A

CN103 H  
CN104 B  
CN105 H  
CN106 B  
CN107 H  
CN108 F  
CN109 B  
CN200 D  
CN201 C  
CN211 F  
CN214 F  
CN232 A  
CN233 A  
CN234 B  
CN235 A  
CN262 C  
CN266 C  
CN267 C  
CN268 B

PS1 P F-3  
PS2 P F-3  
PS3 P F-3

P : UVW-1200P



MB-520A 1-648-920-21 B SIDE

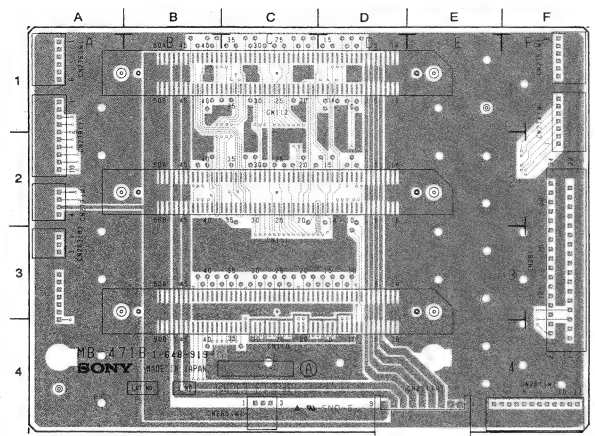
MB-520A/520AP(1-648-920-21)

CN103 H-2  
 CN104 B-2  
 CN105 H-3  
 CN106 B-3  
 CN107 H-3  
 CN108 F-3  
 CN109 B-3  
 CN200 D-1  
 CN201 C-4  
 CN211 F-2  
 CN214 F-4  
 CN232 A-1  
 CN233 A-4  
 CN234 B-4  
 CN235 A-2  
 CN262 C-2  
 CN266 C-1  
 CN267 C-1  
 CN268 B-1

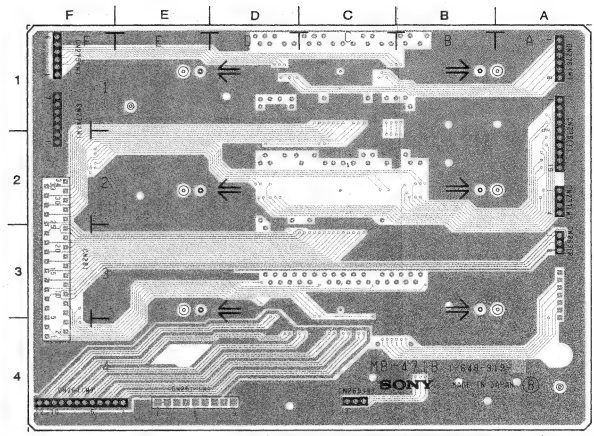
PS1 P F-3  
 PS2 P F-3  
 PS3 P F-3

P : UVW-1200P ONLY

MB-471B ; MOTHER BOARD



MB-471B 1-648-919-31,32 A SIDE



MB-471B 1-648-919-31,32 B SIDE

MB-471B (1-64

- CN110
- CN111
- CN112
- CN251
- CN261
- CN263
- CN265
- CN274
- CN275
- CN276
- CN277
- CN278
- CN281





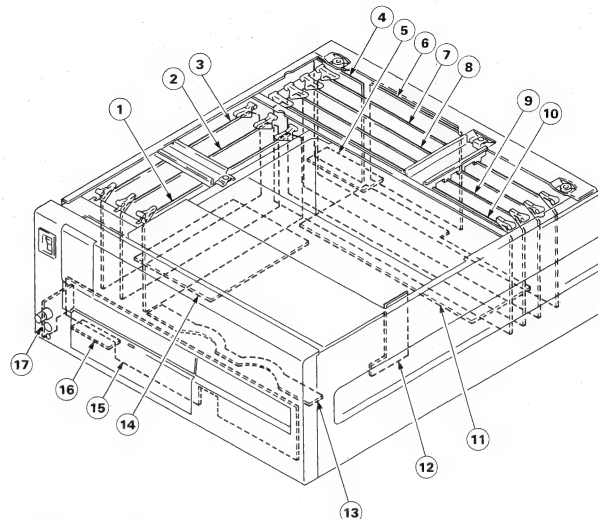
CN110	C-4
CN111	C-3
CN112	C-1
CN251	E-4
CN261	F-4
CN263	A-3
CN265	C-4
CN274	F-1
CN275	F-1
CN276	A-1
CN277	A-2
CN278	A-2
CN281	F-3

# SECTION 16 SCHEMATIC DIAGRAMS

## SCHEMATIC DIAGRAM INDEX

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DR-214 .....	16-44
KY-290 (UVW-1400/1400P) .....	16-52
KY-290A (UVW-1200/1200P) .....	16-58
MS-39/39A .....	16-80
MB-471B (UVW-1400/1400P) .....	16-149
MB-520/520A/520P/520AP .....	16-153
RP-70B/70BP (UVW-1400/1400P) .....	16-84
SS-53A .....	16-72
SOPS-1045/1046 .....	16-147
TBC-28/28P .....	16-88
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VRA-5A/5AP (UVW-1400/1400P) .....	16-132
AME WIRING .....	16-161

## CIRCUIT FUNCTION

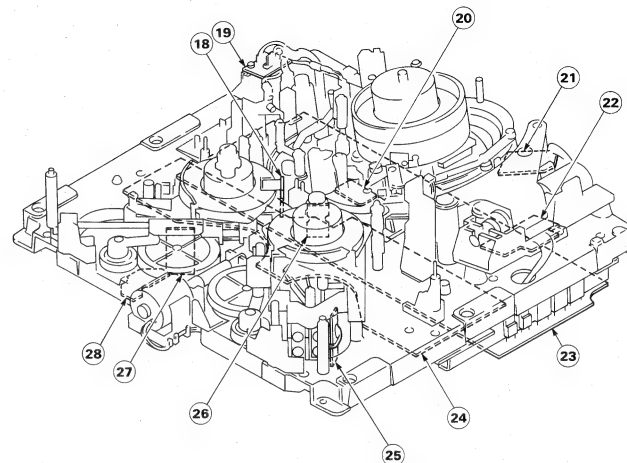


- |   |  |
|---|--|
| ① RP-70B/BP BOARD(UVW-1400/P)           | ; RF REC/PB AMP., FULL ERASE OSC.                  |
| ② AP-31B/BP BOARD(UVW-1400/P)           | ; AUDIO/TC PB AMP., METER DRIVER                   |
| AP-34/P BOARD(UVW-1200/P)               | ; AUDIO/TC PB AMP., RF HEAD AMP.                   |
| ③ AR-14A/AP BOARD(UVW-1400/P)           | ; AUDIO/TC REC AMP., AUDIO BIAS DRIVER             |
| ④ CP-226 BOARD(UVW-1400/P : FOR UC, EK) | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226J BOARD(UVW-1400 : FOR J)         | ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER |
| CP-226A BOARD(UVW-1200/P : FOR UC, EK)  | ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER       |
| CP-226AJ BOARD(UVW-1200 : FOR J)        | ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER       |
| ⑤ CP-239 BOARD                          | ; 25P REMOTE CONNECTOR                             |
| ⑥ CP-225B BOARD(UVW-1400/P)             | ; VIDEO INPUT/OUTPUT CONNECTOR                     |
| CP-225C BOARD(UVW-1200/P)               | ; VIDEO OUTPUT CONNECTOR                           |
| ⑦ VRA-5A/AP BOARD(UVW-1400/P)           | ; Y/C REC PROCESS(DECODER,MOD),CTDM(COMPRESS)      |

- |                 |
|-----------------|
| ⑧ VP-44A/P BOAF |
| VP-44A/AP BC    |
| ⑨ TBC-28/P BOAF |
| SS-53A BOAF     |
| ⑩ MB-520/P BOAF |
| MB-520A/AP      |
| ⑪ CL-29 BOAF    |
| PC-70 BOAF      |
| ⑫ MB-471B BOAF  |
| KY-290 BOAF     |
| ⑬ KY-290A BOAF  |
| VR-155 BOAF     |
| ⑭ HP-61 BOAF    |

FORMER  
FORMER  
R  
R

- ⑤ VP-44/P BOARD(UVW-1400/P) ; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO  
VP-44A/AP BOARD(UVW-1200/P) ; OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX  
; Y/C PB PROCESS(PB RF EQ, DEMOD., Y-RF ENVELOPE DET), VIDEO  
; OUTPUT DRIVER, ENCODE, SYNC/CHARA MIX
- ⑨ TBC-28/P BOARD ; TIME BASE CORRECTOR, CTDM(EXPAND)
- ⑩ SS-53A BOARD ; SYSTEM CONTROL, SERVO SYSTEM MAIN, TIME CODE  
GENERATOR/READER, CHARACTER GENERATOR
- ⑪ MB-520/P BOARD(UVW-1400/P) ; MOTHER BOARD  
MB-520A/AP BOARD(UVW-1200/P) ; MOTHER BOARD
- ⑫ CL-29 BOARD (CASSETTE COMPARTMENT) ; CASSETTE LOADING BEGIN/NEAR-END SENSOR
- ⑬ PC-70 BOARD (CASSETTE COMPARTMENT) ; CASSETTE IN/LARGE CASSETTE SENSOR
- ⑭ MB-471B BOARD(UVW-1400/P) ; MOTHER BOARD
- ⑮ KY-290 BOARD(UVW-1400/P) ; FUNCTION KEY, FL DISPLAY
- ⑯ KY-290A BOARD(UVW-1200/P) ; FUNCTION KEY, FL DISPLAY
- ⑰ VR-155 BOARD(UVW-1400/P) ; AUDIO REC LEVEL
- ⑱ HP-61 BOARD ; HEADPHONES JACK/VOLUME CONTROL

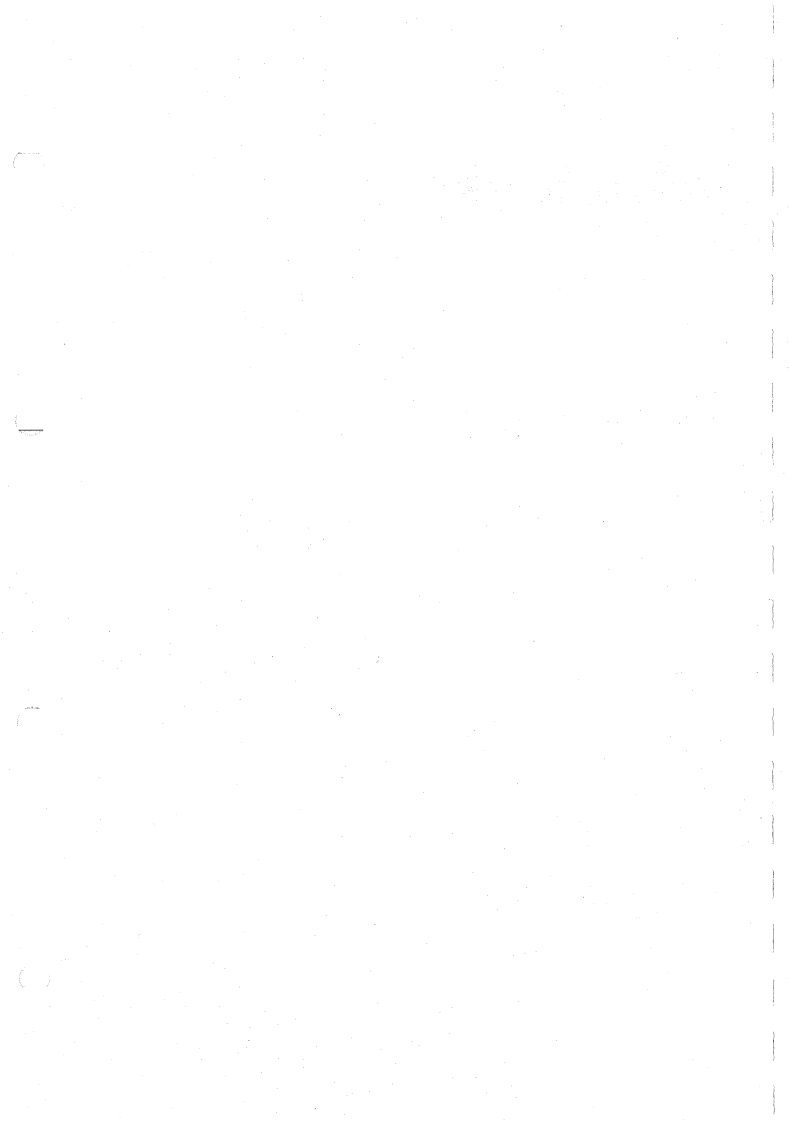


- ⑲ SE-207 BOARD(S SIDE) ; REEL FG
- ⑳ PD-35 BOARD ; PINCH SOLENOID
- ㉑ TR-84 BOARD ; S-TENSION SENSOR
- ㉒ PTC-68 BOARD ; THREAD END/UNTHREAD END SENSOR
- ㉓ PTC-67 BOARD ; THREADING FG/MOTOR
- ㉔ DR-214 BOARD ; MOTOR DRIVER, TENSION SENS. AMP., DRUM FG/PG AMP.,  
CAPSTAN FG AMP., CTL, REC/PB AMP.
- ㉕ MS-39 BOARD(UVW-1400/P) ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU,  
DATA STORAGE
- MS-39A BOARD(UVW-1200/P) ; CASSETTE INFORMATION, SOLENOID DRIVER, MECHA. CONTROL MPU,  
DATA STORAGE
- ㉖ RM-127 BOARD ; T-REEL MOTOR
- ㉗ SE-207 BOARD(T SIDE) ; REEL FG
- ㉘ RM-126 BOARD ; S-REEL MOTOR
- ㉙ PTC-66 BOARD ; REEL POSITION SENSOR

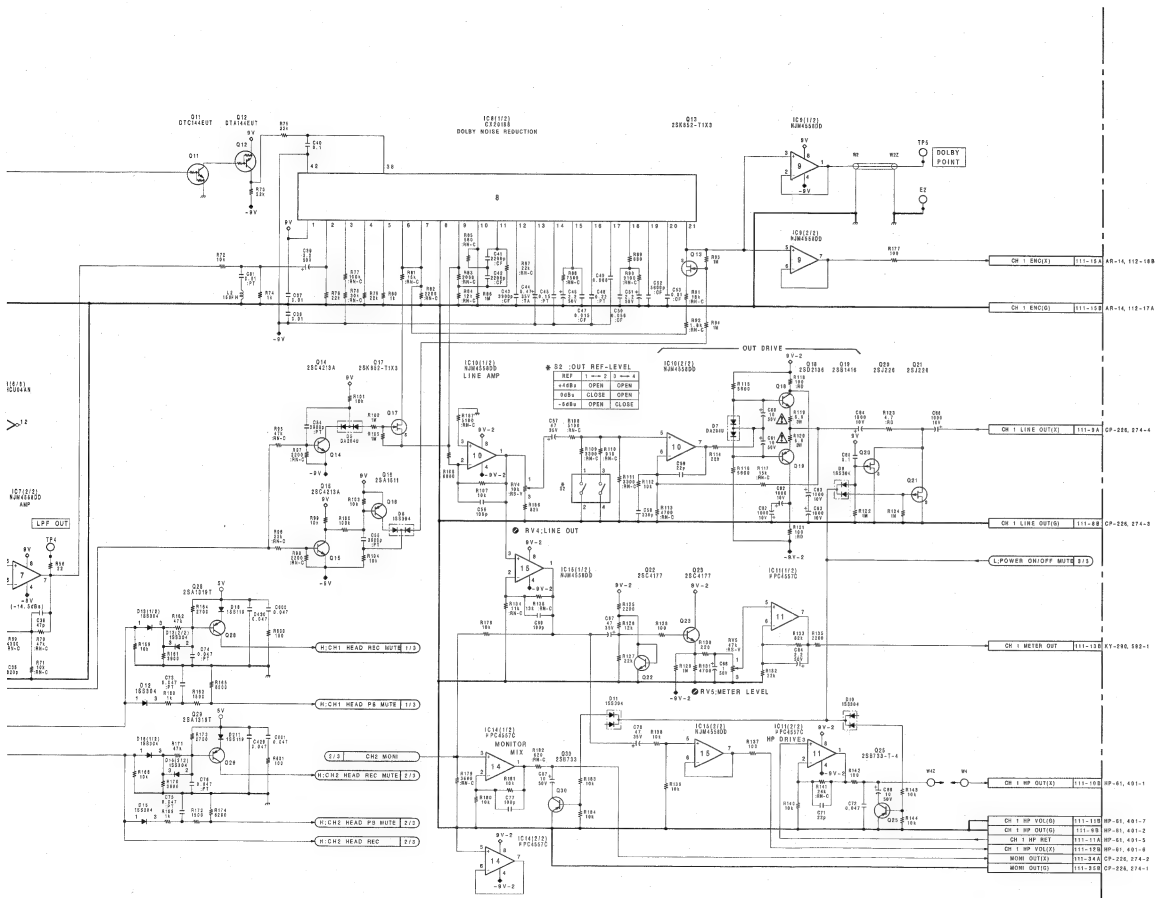
AP-31B/BP (1-648-906-11,12)

CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	*TH1	J-2
CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	*TH2	B-2
CN3	G-4	FS43	C-2	FS123	H-5	*Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	*Q5	J-2	TP1	H-1
		FS45	D-2	FS125	H-1	*Q6	J-2	TP2	J-1
*D1	J-2	FS46	D-2	FS126	J-1	*Q7	J-2	TP3	J-2
*D2	H-3	FS47	C-3	FS127	J-1	*Q8	H-3	TP4	G-2
*D3	H-4	FS48	C-3	FS128	J-1	*Q9	H-4	TP5	G-1
*D5	G-3	FS49	C-3	FS129	H-2	*Q10	H-4	TP201	A-1
*D6	G-3	FS50	C-3	FS130	J-2	*Q11	C-2	TP202	A-1
*D7	J-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP203	B-2
*D8	H-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP204	C-2
*D10	G-5	FS53	C-3	FS133	J-3	*Q14	G-3	TP205	D-1
*D11	E-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP401	G-4
*D12	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP402	G-5
*D13	F-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP403	D-1
*D15	E-3	FS57	D-4	FS137	J-3	Q18	J-5		
*D16	E-3	FS58	C-4	FS138	J-3	Q19	J-5		
*D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
*D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D201	A-2	FS63	D-4	FS141	J-3	*Q22	J-4		
*D202	C-3	FS64	B-4	FS142	J-4	*Q23	H-4		
*D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
*D204	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
*D205	D-3	FS67	D-5	FS145	J-4	*Q27	D-4		
*D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
*D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
*D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
*D210	B-2	FS71	E-3	FS149	J-5	*Q34	J-2		
*D211	A-3	FS72	C-3	FS150	H-5	*Q35	J-2		
*D401	F-3	FS73	F-3	FS151	H-5	*Q36	J-2		
*D403	F-5	FS74	E-4	FS152	H-5	*Q201	A-1		
*D500	D-5	FS75	E-4	FS153	G-5	Q202	A-2		
		FS76	F-4	FS154	G-5	Q203	A-2		
E1	H-4	FS77	F-4	FS155	H-5	*Q204	B-2		
E2	G-1	FS78	E-5	FS156	H-5	*Q205	A-2		
E201	B-4	FS79	F-5			*Q206	A-2		
E202	E-1	FS80	F-5	IC1	J-2	*Q207	B-2		
		FS81	H-1	IC2	J-4	*Q208	C-3		
FS1	A-1	FS82	H-1	IC3	J-3	*Q209	B-4		
FS3	A-2	FS83	G-1	IC4	H-3	*Q210	B-4		
FS4	B-2	FS84	G-1	IC5	G-4	*Q211	E-1		
FS5	B-2	FS85	G-1	IC6	G-3	*Q212	D-3		
FS6	B-2	FS86	G-1	IC7	G-3	*Q213	D-3		
FS7	A-3	FS87	H-1	IC8	F-2	*Q214	D-3		
FS8	B-3	FS88	H-1	IC9	G-2	*Q215	E-2		
FS9	B-3	FS89	H-1	IC10	G-2	Q216	A-5		
FS10	A-3	FS90	G-1	IC11	H-4	Q217	A-5		
FS11	B-3	FS91	G-1	IC12	E-5	Q218	C-5		
FS12	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
FS13	A-3	FS93	G-2	IC14	E-3	*Q220	B-4		
FS14	B-3	FS94	F-2	IC15	J-4	*Q221	B-4		
FS15	B-3	FS96	H-2	IC201	A-2	Q223	C-4		
FS16	A-4	FS97	H-2	IC202	A-4	*Q224	B-2		
FS17	A-4	FS98	F-2	IC203	A-3	*Q225	B-2		
FS18	A-4	FS99	F-2	IC204	B-3	*Q226	B-2		
FS19	B-4	FS100	G-2	IC205	C-4	*Q401	G-4		
FS20	A-4	FS101	H-2	IC206	C-3	*Q402	F-5		
FS21	A-4	FS102	H-2	IC207	C-3	*Q403	F-3		
FS22	A-5	FS103	G-3	IC208	C-2				
FS23	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
FS24	A-5	FS105	G-3	IC210	C-4	RV2	J-1		
FS25	B-5	FS106	H-3	IC211	A-4	RV3	J-1		
FS26	A-5	FS107	H-3	IC401	F-4	RV4	H-1		
FS27	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
FS28	B-5	FS109	H-3	*IC405	C-5	RV201	B-1		
FS29	B-5	FS110	G-3	*IC406	D-5	RV202	B-1		
FS30	C-1	FS111	G-4	*IC407	D-5	RV203	B-1		
FS31	C-1	FS112	G-4	*IC408	C-5	RV204	C-1		
FS32	C-1	FS113	G-4	*IC409	D-5	RV205	C-1		
FS33	C-1	FS114	H-4	IC410	F-5				
FS34	C-1	FS115	H-4			S1	J-1		
FS35	C-1	FS116	G-4	PS1	G-5	S2	G-1		
FS36	D-1	FS117	H-4	PS2	G-5	S201	A-1		
FS38	C-2	FS118	H-4			S202	C-1		
FS39	C-2	FS119	H-5	*Q1	H-1				

\*: B SIDE







* UVM-MER	
02	12EP 47EP
04	1EP 1EP
018	W W 000EP
019	W W 000EP
010	W W 000EP
011	W W 000EP
012	W W 000EP
013	W W 000EP
014	W W 000EP
015	W W 000EP
016	W W 000EP
017	W W 000EP
018	W W 000EP
019	W W 000EP
020	W W 000EP
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093	W W 000EP
094	W W 000EP
095	W W 000EP
096	W W 000EP
097	W W 000EP
098	W W 000EP
099	W W 000EP
100	W W 000EP

△-R R ▲-R R-2

## AP-31B/31BP BOARD (1/3)

BOARD NO. 1-648-908-11

UVM-1400 (J) #10001-10420

UVM-1400 (UC) #10001-10500

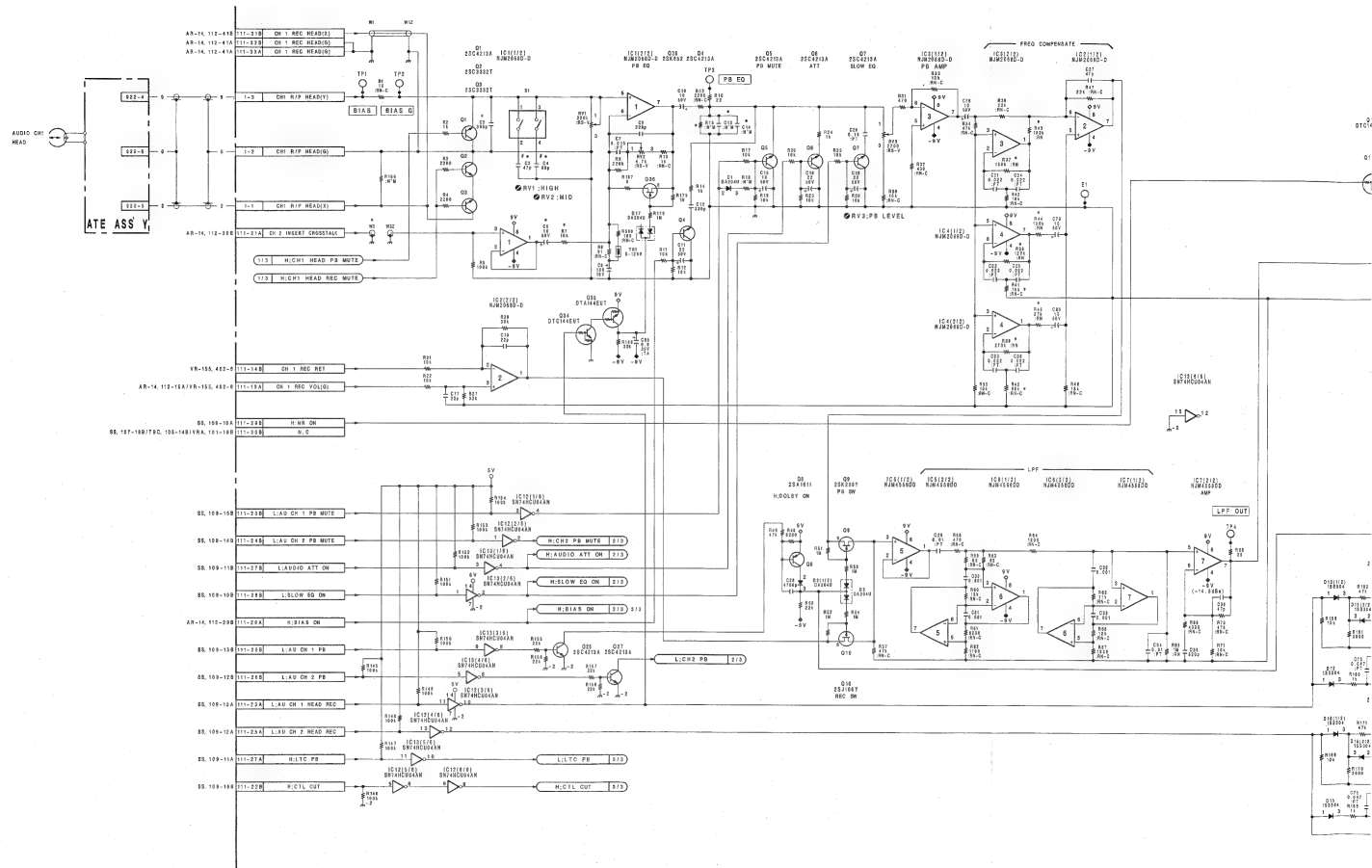
UVM-1400P (EK) #10001-11490

UVW-1400(J) : Serial No. 10421 and higher  
 UVW-1400(UC) : Serial No. 11051 and higher  
 UVW-1400P(EK) : Serial No. 11491 and higher

AP-31B/31BP(1/3)

AP-31B/31BP(1/3)

AP-31B/31BP(1/3);CH-1 PB EQ/NR, LINE/METER/HP DRIVE



UVW-1400  
 UVW-1400P

A

B

C

D

16-5(b)

16-5(b)

E

F

G

H





AP-31B/BP (1-648-906-11,12)

CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	•TH1	J-2
CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	•TH2	B-2
CN3	G-4	FS43	C-2	FS123	H-5	Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	Q5	J-2	TP1	H-1
		FS45	D-2	FS125	H-1	Q6	J-2	TP2	J-1
•D1	J-2	FS46	D-2	FS126	J-1	Q7	J-2	TP3	J-2
•D2	H-3	FS47	C-3	FS127	J-1	Q8	H-3	TP4	G-2
•D3	H-4	FS48	C-3	FS128	J-1	Q9	H-4	TP5	G-1
•D5	G-3	FS49	C-3	FS129	H-2	Q10	H-4	TP201	A-1
•D6	G-3	FS50	C-3	FS130	J-2	Q11	C-2	TP202	A-1
•D7	J-5	FS51	C-3	FS131	J-2	Q12	E-2	TP203	B-2
•D8	H-5	FS52	D-3	FS132	J-2	Q13	E-1	TP204	C-2
•D10	G-5	FS53	C-3	FS133	J-3	Q14	G-3	TP205	D-1
•D11	E-3	FS54	C-4	FS134	J-3	Q15	F-3	TP401	G-4
•D12	F-3	FS55	C-4	FS135	J-3	Q16	F-3	TP402	G-5
•D13	F-3	FS56	D-4	FS136	H-3	Q17	F-2	TP403	D-1
•D15	E-3	FS57	D-4	FS137	J-3	Q18	J-5		
•D16	E-3	FS58	C-4	FS138	J-3	Q19	J-5		
•D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
•D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
•D201	A-2	FS63	D-4	FS141	J-3	Q22	J-4		
•D202	C-3	FS64	B-4	FS142	J-4	Q23	H-4		
•D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
•D204	D-3	FS66	D-5	FS144	J-4	Q26	E-3		
•D205	D-3	FS67	D-5	FS145	J-4	Q27	D-4		
•D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
•D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
•D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
•D210	B-2	FS71	E-3	FS149	J-5	Q34	J-2		
•D211	A-3	FS72	E-3	FS150	H-5	Q35	J-2		
•D401	F-3	FS73	F-3	FS151	H-5	Q36	J-2		
•D403	F-5	FS74	E-4	FS152	H-5	Q201	A-1		
•D500	D-5	FS75	E-4	FS153	G-5	Q202	A-2		
		FS76	F-4	FS154	G-5	Q203	A-2		
E1	H-4	FS77	F-4	FS155	H-5	Q204	B-2		
E2	G-1	FS78	F-5	FS156	H-5	Q205	A-2		
E201	B-4	FS79	F-5			Q206	A-2		
E202	E-1	FS80	F-5	IC1	J-2	Q207	B-2		
		FS81	H-1	IC2	J-4	Q208	C-3		
FS1	A-1	FS82	H-1	IC3	J-3	Q209	B-4		
FS3	A-2	FS83	G-1	IC4	H-3	Q210	B-4		
FS4	B-2	FS84	G-1	IC5	G-4	Q211	E-1		
FS5	B-2	FS85	G-1	IC6	G-3	Q212	D-3		
FS6	B-2	FS86	G-1	IC7	G-3	Q213	D-3		
FS7	A-3	FS87	H-1	IC8	F-2	Q214	D-3		
FS8	B-3	FS88	H-1	IC9	G-2	Q215	E-2		
FS9	B-3	FS89	H-1	IC10	G-2	Q216	A-5		
FS10	A-3	FS90	G-1	IC11	H-4	Q217	A-5		
FS11	B-3	FS91	G-1	IC12	E-5	Q218	C-5		
FS12	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
FS13	A-3	FS93	G-2	IC14	E-3	Q220	B-4		
FS14	B-3	FS94	F-2	IC15	J-4	Q221	B-4		
FS15	B-3	FS96	H-2	IC201	A-2	Q223	C-4		
FS16	A-4	FS97	H-2	IC202	A-4	Q224	B-2		
FS17	A-4	FS98	F-2	IC203	A-3	Q225	B-2		
FS18	A-4	FS99	F-2	IC204	B-3	Q226	B-2		
FS19	B-4	FS100	G-2	IC205	C-4	Q401	G-4		
FS20	A-4	FS101	H-2	IC206	C-3	Q402	F-5		
FS21	A-4	FS102	H-2	IC207	C-3	Q403	F-3		
FS22	A-5	FS103	G-3	IC208	C-2				
FS23	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
FS24	A-5	FS105	G-3	IC210	C-4	RV2	J-1		
FS25	B-5	FS106	H-3	IC211	A-4	RV3	J-1		
FS26	A-5	FS107	H-3	IC401	F-4	RV4	H-1		
FS27	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
FS28	B-5	FS109	H-3	•IC405	C-5	RV201	B-1		
FS29	B-5	FS110	G-3	•IC406	D-5	RV202	B-1		
FS30	C-1	FS111	G-4	•IC407	D-5	RV203	B-1		
FS31	C-1	FS112	G-4	•IC408	C-5	RV204	C-1		
FS32	C-1	FS113	G-4	•IC409	D-5	RV205	C-1		
FS33	C-1	FS114	H-4	IC410	F-5				
FS34	C-1	FS115	H-4			S1	J-1		
FS35	C-1	FS116	G-4	PS1	G-5	S2	G-1		
FS36	D-1	FS117	H-4	PS2	G-5	S201	A-1		
FS38	C-2	FS118	H-4			S202	C-1		
FS39	C-2	FS119	H-5	•Q1	H-1				

\* : B SIDE

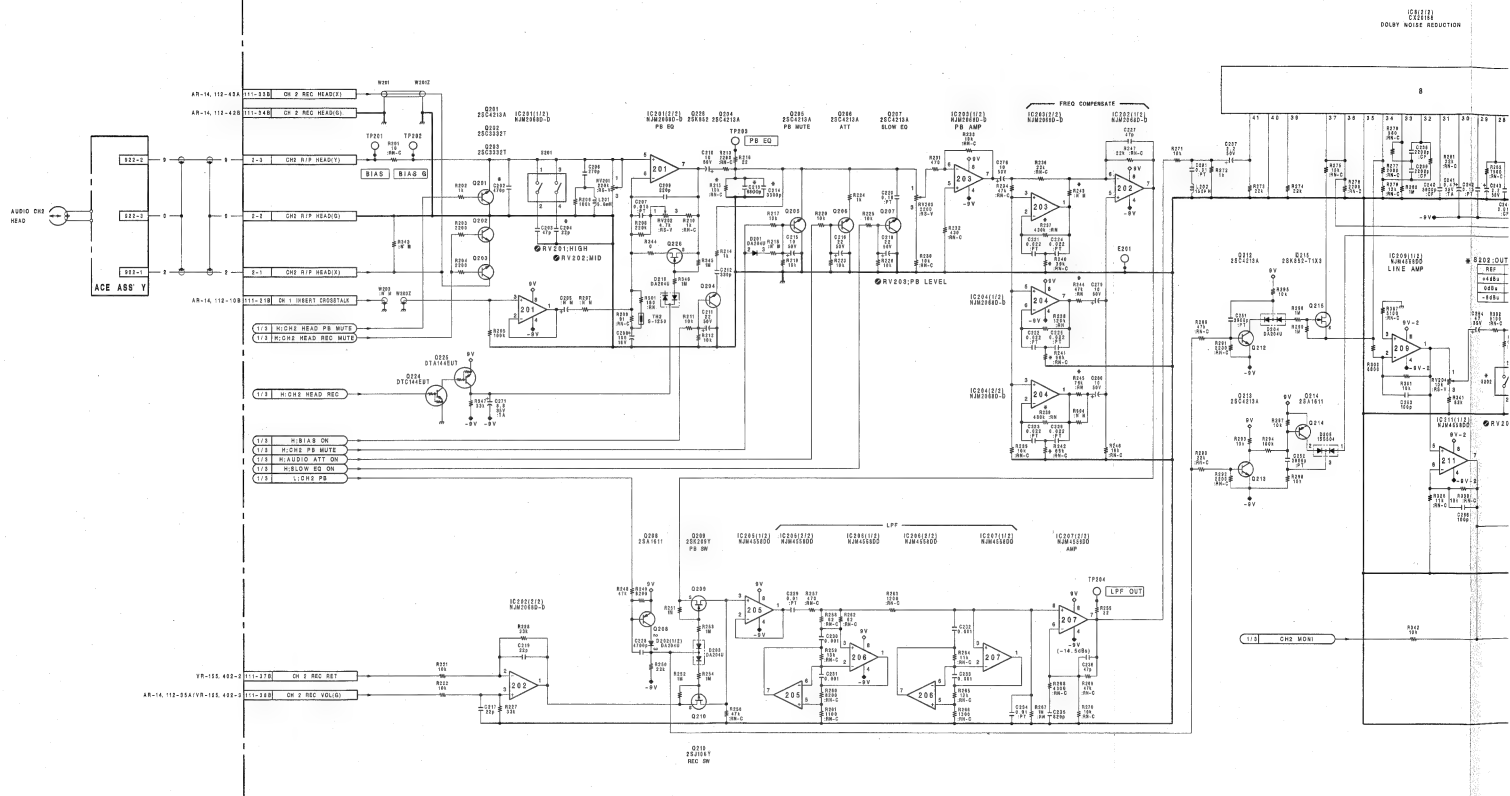


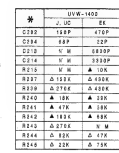
UVW-1400(J) : Serial No. 10001 through 10420  
 UVW-1400(UC) : Serial No. 10001 through 11050  
 UVW-1400P(EK) : Serial No. 10001 through 11490

AP-31B/31BP(2/3)

AP-31B/31BP(2/3)

AP-31B/31BP(2/3);CH-2 PB EQ/NR, LINE/METER/HP DRIVE

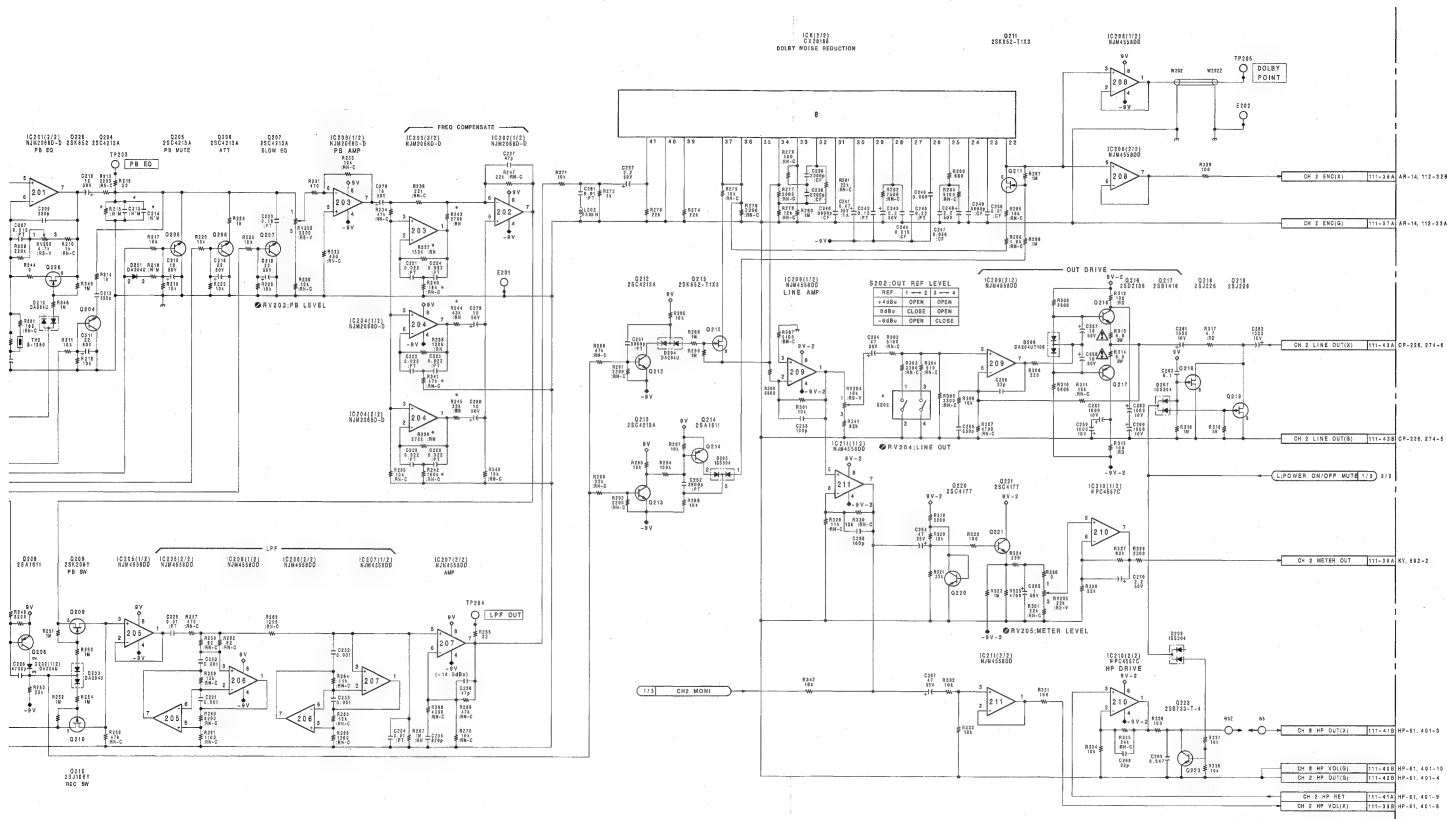


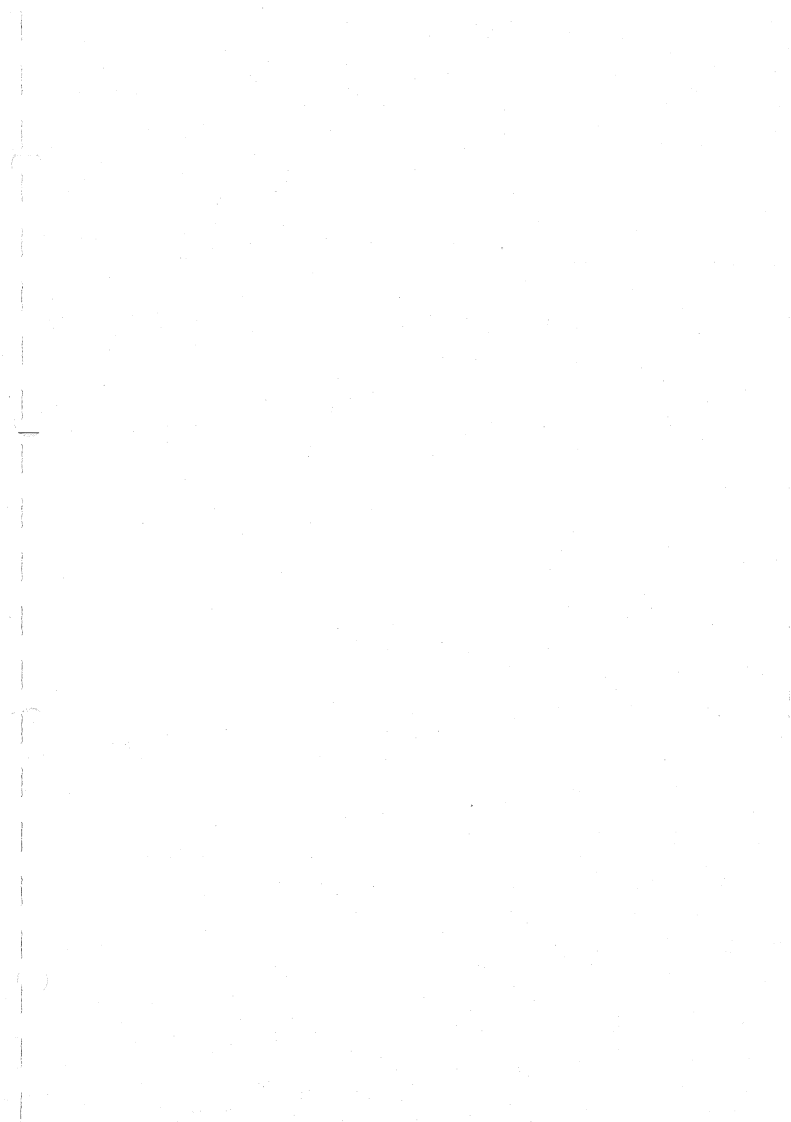


BOARD NO. 1-648-906-11  
UVW-1400 (J) : #10001-10420  
UVW-1400 (UC) : #10001-11050  
UVW-1400P (EK) : #10001-11490

AP-31B/31BP(2/3)

**F**





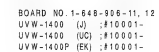


AP-31B/BP (1-648-906-11,12)

CN1	H-1	FS40	C-2	FS121	G-5	Q2	H-2	*TH1	J-2
CN2	A-1	FS41	D-2	FS122	G-5	Q3	H-2	*TH2	B-2
CN3	G-4	FS43	C-2	FS123	H-5	*Q4	J-2		
CN111	E-5	FS44	D-2	FS124	H-5	*Q5	J-2	TP1	H-1
*D1	J-2	FS45	D-2	FS125	H-1	*Q6	J-2	TP2	J-1
*D2	H-3	FS46	D-2	FS126	J-1	*Q7	J-2	TP3	J-2
*D3	H-4	FS47	C-3	FS127	J-1	*Q8	H-3	TP4	G-2
*D4	H-4	FS48	C-3	FS128	J-1	*Q9	H-4	TP5	G-1
*D5	G-3	FS49	C-3	FS129	H-2	*Q10	H-4	TP201	A-1
*D6	G-3	FS50	C-3	FS130	J-2	*Q11	C-2	TP202	A-1
*D7	J-5	FS51	C-3	FS131	J-2	*Q12	E-2	TP203	B-2
*D8	H-5	FS52	D-3	FS132	J-2	*Q13	E-1	TP204	C-2
*D10	G-5	FS53	C-3	FS133	J-3	*Q14	G-3	TP205	D-1
*D11	E-3	FS54	C-4	FS134	J-3	*Q15	F-3	TP401	G-4
*D12	F-3	FS55	C-4	FS135	J-3	*Q16	F-3	TP402	G-5
*D13	F-3	FS56	D-4	FS136	H-3	*Q17	F-2	TP403	D-1
*D15	E-3	FS57	D-4	FS137	J-3	O18	J-5		
*D16	E-3	FS58	C-4	FS138	J-3	O19	J-5		
*D17	J-2	FS59	C-4	FS139	H-3	Q20	H-5		
*D18	H-2	FS61	D-4	FS140	J-3	Q21	H-5		
*D201	A-2	FS63	D-4	FS141	J-3	*Q22	J-4		
*D202	C-3	FS64	B-4	FS142	J-4	*Q23	H-4		
*D203	C-4	FS65	D-5	FS143	J-4	Q25	G-4		
*D204	D-3	FS66	D-5	FS144	J-4	*Q26	E-3		
*D205	D-3	FS67	D-5	FS145	J-4	*Q27	D-4		
*D206	A-5	FS68	E-5	FS146	J-4	Q28	H-3		
*D207	B-5	FS69	C-5	FS147	J-5	Q29	A-3		
*D209	C-4	FS70	C-5	FS148	J-5	Q30	E-3		
*D210	B-2	FS71	J-5	FS149	J-5	*Q34	J-2		
*D211	A-3	FS72	E-3	FS150	H-5	*Q35	J-2		
*D401	F-3	FS73	F-3	FS151	H-5	*Q36	J-2		
*D403	F-5	FS74	E-4	FS152	H-5	*Q201	A-1		
*D500	D-5	FS75	E-4	FS153	G-5	Q202	A-2		
E1	H-4	FS76	F-4	FS154	G-5	Q203	A-2		
E2	G-1	FS77	F-4	FS155	H-5	*Q204	B-2		
E201	B-4	FS78	E-5	FS156	H-5	*Q205	A-2		
E202	E-1	FS79	F-5			*Q206	A-2		
		FS80	F-5	IC1	J-2	*Q207	B-2		
FS1	A-1	FS81	H-1	IC2	J-4	*Q208	C-3		
FS3	A-2	FS82	H-1	IC3	J-3	*Q209	B-4		
FS4	B-2	FS83	G-1	IC4	H-3	*Q210	B-4		
FS5	B-2	FS84	G-1	IC5	G-4	*Q211	E-1		
FS6	B-2	FS85	G-1	IC6	G-3	*Q212	D-3		
FS7	A-3	FS86	G-1	IC7	G-3	*Q213	D-3		
FS8	B-3	FS87	H-1	IC8	F-2	*Q214	D-3		
FS9	B-3	FS88	H-1	IC9	G-2	*Q215	E-2		
FS10	A-3	FS89	H-1	IC10	G-2	Q216	A-5		
FS11	B-3	FS90	G-1	IC11	H-4	Q217	A-5		
FS12	A-3	FS91	G-1	IC12	E-5	Q218	C-5		
FS13	A-3	FS92	G-2	IC13	D-4	Q219	C-5		
FS14	B-3	FS93	G-2	IC14	E-3	*Q220	B-4		
FS15	B-3	FS94	F-2	IC15	J-4	*Q221	B-4		
FS16	A-4	FS96	H-2	IC201	A-2	Q223	C-4		
FS17	A-4	FS97	H-2	IC202	A-4	*Q224	B-2		
FS18	A-4	FS98	F-2	IC203	A-3	*Q225	B-2		
FS19	B-4	FS99	F-2	IC204	B-3	*Q226	B-2		
FS20	A-4	FS100	G-2	IC205	C-4	*Q401	G-4		
FS21	A-4	FS101	H-2	IC206	C-3	*Q402	F-5		
FS22	A-5	FS102	H-2	IC207	C-3	*Q403	F-3		
FS23	A-5	FS103	G-3	IC208	C-2				
FS24	A-5	FS104	G-3	IC209	C-2	RV1	J-1		
FS25	B-5	FS105	G-3	IC210	C-4	RV2	J-1		
FS26	A-5	FS106	H-3	IC211	A-4	RV3	J-1		
FS27	B-5	FS107	H-3	IC401	F-4	RV4	H-1		
FS28	B-5	FS108	H-3	IC402	F-4	RV5	H-1		
FS29	B-5	FS109	H-3	*IC405	C-5	RV201	B-1		
FS30	C-1	FS110	G-3	*IC406	D-5	RV202	B-1		
FS31	C-1	FS111	G-4	*IC407	D-5	RV203	B-1		
FS32	C-1	FS112	G-4	*IC408	C-5	RV204	C-1		
FS33	C-1	FS113	G-4	*IC409	D-5	RV205	C-1		
FS34	C-1	FS114	H-4	IC410	F-5				
FS35	C-1	FS115	H-4			S1	J-1		
FS36	D-1	FS116	G-4	PS1	G-5	S2	G-1		
FS38	C-2	FS117	H-4	PS2	G-5	S201	A-1		
FS39	C-2	FS118	H-4			S202	C-1		
		FS119	H-5	*Q1	H-1				

\*: B SIDE

UVW-1400  
UVW-1400P





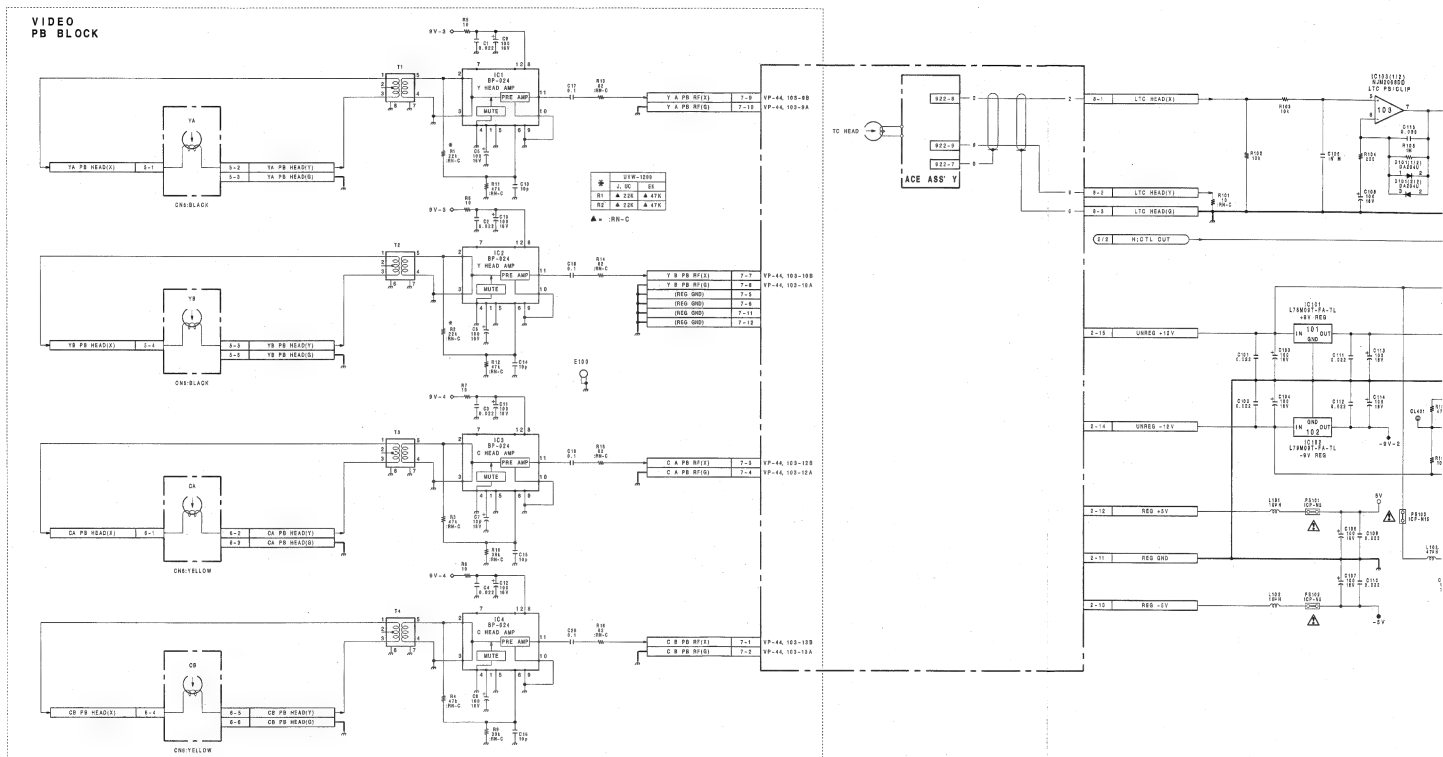


AP-34/34P(1-648-905-11)

CN1	C-1	FS224	C-4	IC405	A-4
CN2	H-3	FS225	C-5	IC406	A-4
CN3	C-5	FS226	D-4	IC407	D-4
CN4	B-5	FS227	D-5	IC408	C-5
CN5	G-4	FS228	E-5	IC409	A-2
CN6	J-4	FS229	E-5	IC410	A-5
CN7	H-5	FS230	E-5		
CN8	J-2	FS231	E-5	PS101	J-2
		FS232	F-5	PS102	J-3
*D101	J-1	FS233	D-5	PS103	H-3
*D103	J-2	FS234	G-1		
D104	G-3	FS235	G-1	*Q101	J-2
*D201	D-5	FS236	G-1	*Q201	E-2
*D202	F-2	FS237	H-1	*Q202	E-2
*D203	F-5	FS238	H-1	*Q203	E-2
*D204	E-5	FS239	H-1	*Q204	B-4
*D401	A-2	FS240	H-1	Q205	D-5
*D402	A-5	FS401	C-1	Q206	F-2
*D403	B-5	FS402	C-2	Q207	F-2
		FS403	B-1	Q208	F-5
E1	E-1	FS404	B-1	Q209	E-5
E2	J-1	FS405	B-2	Q210	F-5
E100	H-4	FS406	A-1	*Q212	C-4
E201	B-1	FS407	A-2	*Q401	B-2
E202	J-1	FS408	B-2	*Q402	B-2
		FS409	B-3	*Q403	B-2
FS1	G-4	FS410	A-3	Q404	A-2
FS2	G-5	FS411	B-4	Q405	A-2
FS3	H-5	FS412	C-4	Q406	A-5
FS4	J-4	FS413	C-3	Q407	A-5
FS5	H-5	FS414	B-3	Q408	A-5
FS6	J-5	FS415	B-2		
FS101	J-2	FS416	C-4	RV1	D-1
FS102	J-1	FS417	B-4	RV2	D-1
FS103	J-1	FS418	A-1	RV3	E-1
FS104	H-1	FS419	A-1	RV4	F-1
FS105	H-2	FS420	A-2	RV201	B-1
FS106	J-2	FS421	A-2	RV202	B-1
FS107	J-3	FS422	A-2	RV203	B-1
FS108	J-2	FS423	A-4	RV204	A-1
FS109	J-2	FS424	A-5		
FS110	H-3	FS425	B-5	S1	D-1
FS111	H-3	FS426	B-5	S2	F-1
FS112	H-3	FS427	B-5	S201	C-1
FS113	H-3	FS428	B-5	S202	A-1
FS114	H-3	FS429	C-5		
FS115	H-3	FS430	C-1	TH1	D-1
FS116	H-2			TH2	B-1
FS117	G-2	IC1	G-4		
FS118	G-2	IC2	H-4	TP3	C-2
FS119	G-2	IC3	J-4	TP4	E-4
FS120	G-3	IC4	J-4	TP5	H-1
FS121	G-1	*IC101	G-2	TP203	C-2
FS201	C-1	*IC102	G-3	TP204	B-4
FS202	D-1	IC103	J-2	TP205	J-1
FS203	E-1	*IC104	G-4	TP402	H-2
FS204	D-1	*IC105	H-3	TP403	J-1
FS205	E-2	*IC106	G-2		
FS206	E-1	*IC107	G-3		
FS207	F-1	*IC108	J-3		
FS208	C-1	IC109	H-1		
FS209	E-3	IC110	H-2		
FS210	E-3	IC201	D-1		
FS211	E-3	IC202	E-3		
FS212	E-4	IC203	E-1		
FS213	E-4	IC204	E-3		
FS214	D-4	IC205	E-4		
FS215	D-3	IC206	E-4		
FS216	D-3	IC209	F-2		
FS217	D-2	IC210	D-5		
FS218	F-1	IC211	E-5		
FS219	G-1	IC212	G-1		
FS220	F-2	IC401	C-1		
FS221	F-2	IC402	A-3		
FS222	F-2	IC403	A-1		
FS223	F-4	IC404	A-3		

\* : B SIDE

AP-34/34P(1/2); RF HEAD AMP., LTC PB



UVW-1200  
UVW-1200P

16 - 17

16-17

G

H



AP-34/34P(1-648-905-11)

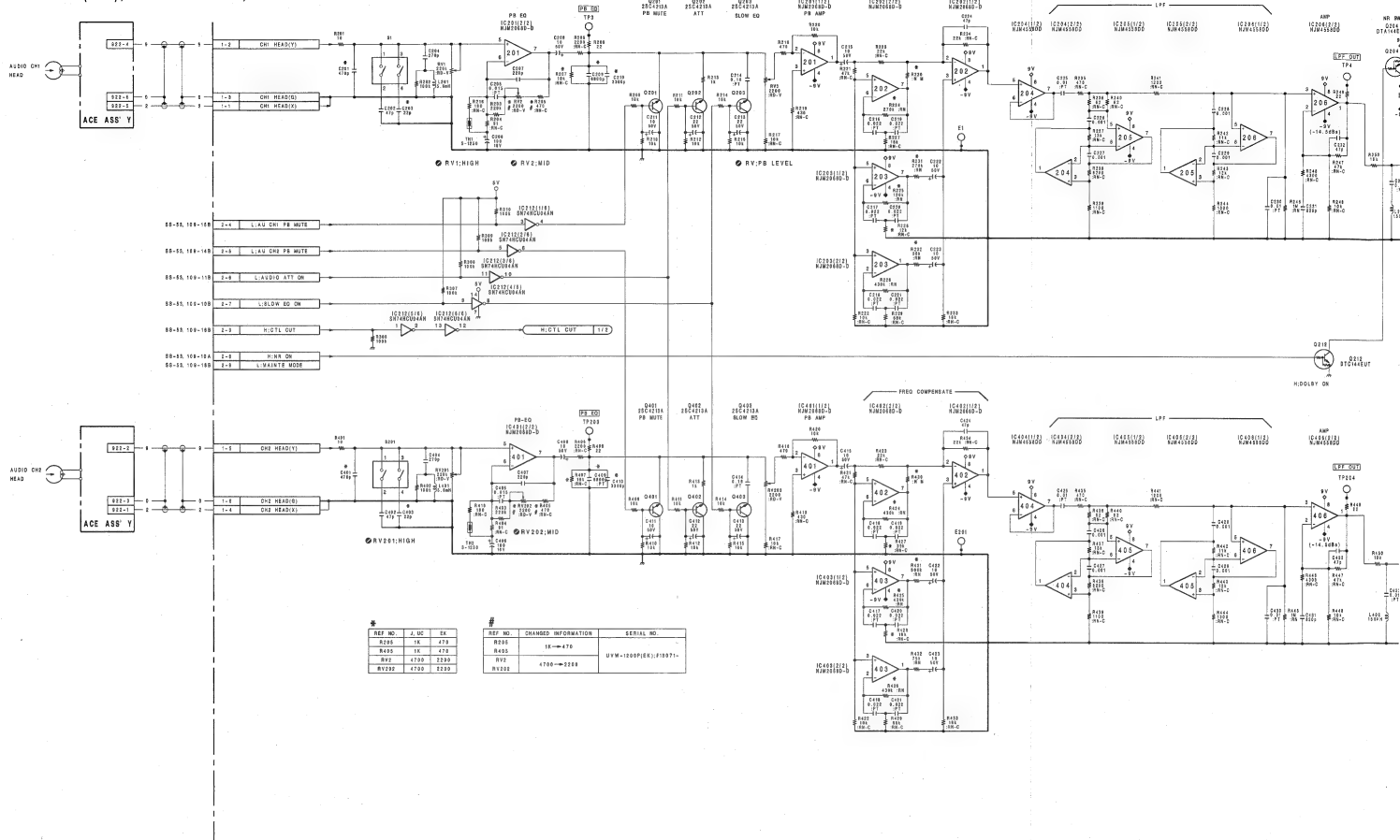
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CN2	H-3	FS225	C-5	IC406	A-4
CN3	C-5	FS226	D-4	IC407	D-4
CN4	B-5	FS227	D-5	IC408	C-5
CN5	G-4	FS228	E-5	IC409	A-2
CN6	J-4	FS229	E-5	IC410	A-5
CN7	H-5	FS230	E-5		
CN8	J-2	FS231	E-5	PS101	J-2
		FS232	F-5	PS102	J-3
*D101	J-1	FS233	D-5	PS103	H-3
*D103	J-2	FS234	G-1		
D104	G-3	FS235	G-1	*Q101	J-2
*D201	D-5	FS236	G-1	*Q201	E-2
*D202	F-2	FS237	H-1	*Q202	E-2
*D203	F-5	FS238	H-1	*Q203	E-2
*D204	E-5	FS239	H-1	*Q204	B-4
*D401	A-2	FS240	H-1	Q205	D-5
*D402	A-5	FS401	C-1	Q206	F-2
*D403	B-5	FS402	C-2	Q207	F-2
		FS403	B-1	Q208	F-5
E1	E-1	FS404	B-1	Q209	E-5
E2	J-1	FS405	B-2	Q210	F-5
E100	H-4	FS406	A-1	*Q212	C-4
E201	B-1	FS407	A-2	*Q401	B-2
E202	J-1	FS408	B-2	*Q402	B-2
		FS409	B-3	*Q403	B-2
FS1	G-4	FS410	A-3	Q404	A-2
FS2	G-5	FS411	B-4	Q405	A-2
FS3	H-5	FS412	C-4	Q406	A-5
FS4	J-4	FS413	C-3	Q407	A-5
FS5	H-5	FS414	B-3	Q408	A-5
FS6	J-5	FS415	B-2		
FS101	J-2	FS416	C-4	RV1	D-1
FS102	J-1	FS417	B-4	RV2	D-1
FS103	J-1	FS418	A-1	RV3	E-1
FS104	H-1	FS419	A-1	RV4	F-1
FS105	H-2	FS420	A-2	RV201	B-1
FS106	J-2	FS421	A-2	RV202	B-1
FS107	J-3	FS422	A-2	RV203	B-1
FS108	J-2	FS423	A-4	RV204	A-1
FS109	J-2	FS424	A-5		
FS110	H-3	FS425	B-5	S1	D-1
FS111	H-3	FS426	B-5	S2	F-1
FS112	H-3	FS427	B-5	S201	C-1
FS113	H-3	FS428	B-5	S202	A-1
FS114	H-3	FS429	C-5		
FS115	H-3	FS430	C-1	TH1	D-1
FS116	H-2			TH2	B-1
FS117	G-2	IC1	G-4		
FS118	G-2	IC2	H-4	TP3	C-2
FS119	G-2	IC3	J-4	TP4	E-4
FS120	G-3	IC4	J-4	TP5	H-1
FS121	G-1	*IC101	G-2	TP203	C-2
FS201	C-1	*IC102	G-3	TP204	B-4
FS202	D-1	IC103	J-2	TP205	J-1
FS203	E-1	*IC104	G-4	TP402	H-2
FS204	D-1	*IC105	H-3	TP403	J-1
FS205	E-2	*IC106	G-2		
FS206	E-1	*IC107	G-3		
FS207	F-1	*IC108	J-3		
FS208	C-1	IC109	H-1		
FS209	E-3	IC110	H-2		
FS210	E-3	IC201	D-1		
FS211	E-3	IC202	E-3		
FS212	E-4	IC203	E-1		
FS213	E-4	IC204	E-3		
FS214	D-4	IC205	E-4		
FS215	D-3	IC206	E-4		
FS216	D-3	IC209	F-2		
FS217	D-2	IC210	D-5		
FS218	F-1	IC211	E-5		
FS219	G-1	IC212	G-1		
FS220	F-2	IC401	C-1		
FS221	F-2	IC402	A-3		
FS222	F-2	IC403	A-1		
FS223	F-4	IC404	A-3		

\*: B SIDE





AP-34/34P(2/2); AUDIO PB EQ/NR, LINE/HP DRIVE

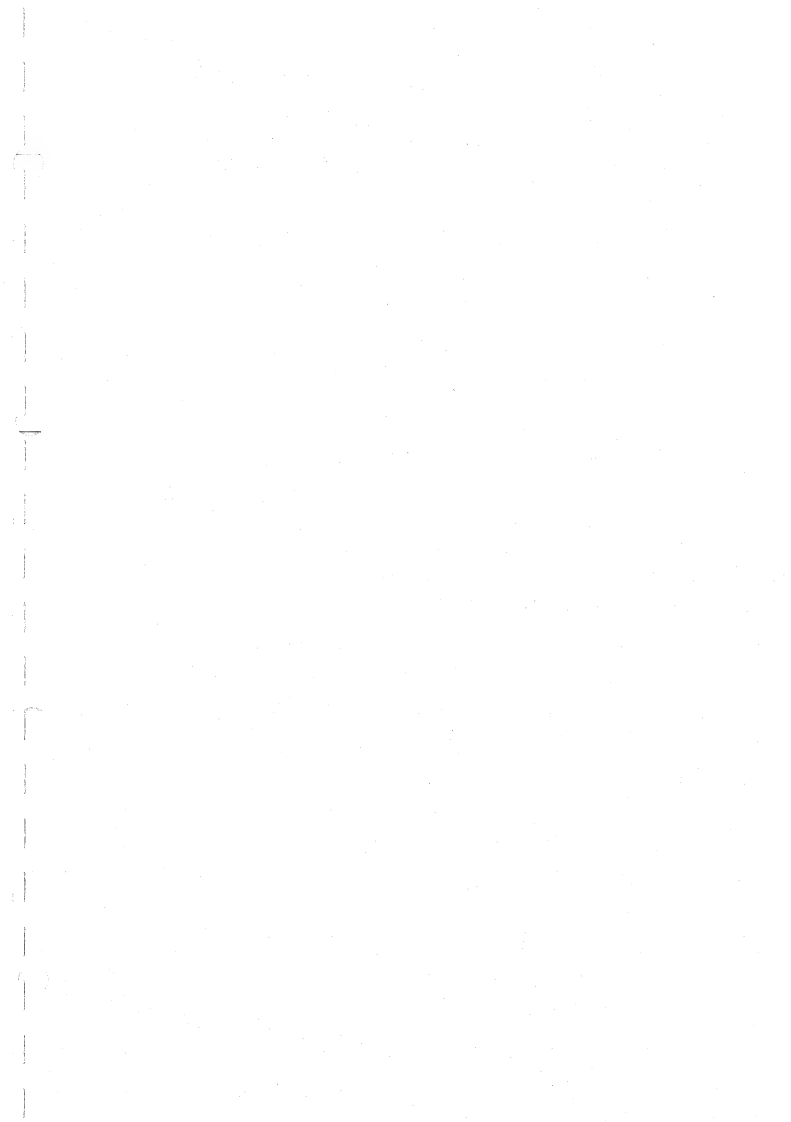


REF NO.	J. UC	JK
8205	1K	479
8405	1K	470
8822	4700	2290
8823	4700	2290

REF NO.	CHANGED INFORMATION	SERIAL NO.
R206 R405	1E → 478	UWM-1200P(EK); F13071-
RV2 RV202	478 → 2228	



BOARD NO. 1-648-905-11  
UVW-1200 (J) ;#10001-  
UVW-1200 (UC) ;#10001-  
UVW-1200P (EK) ;#10001-



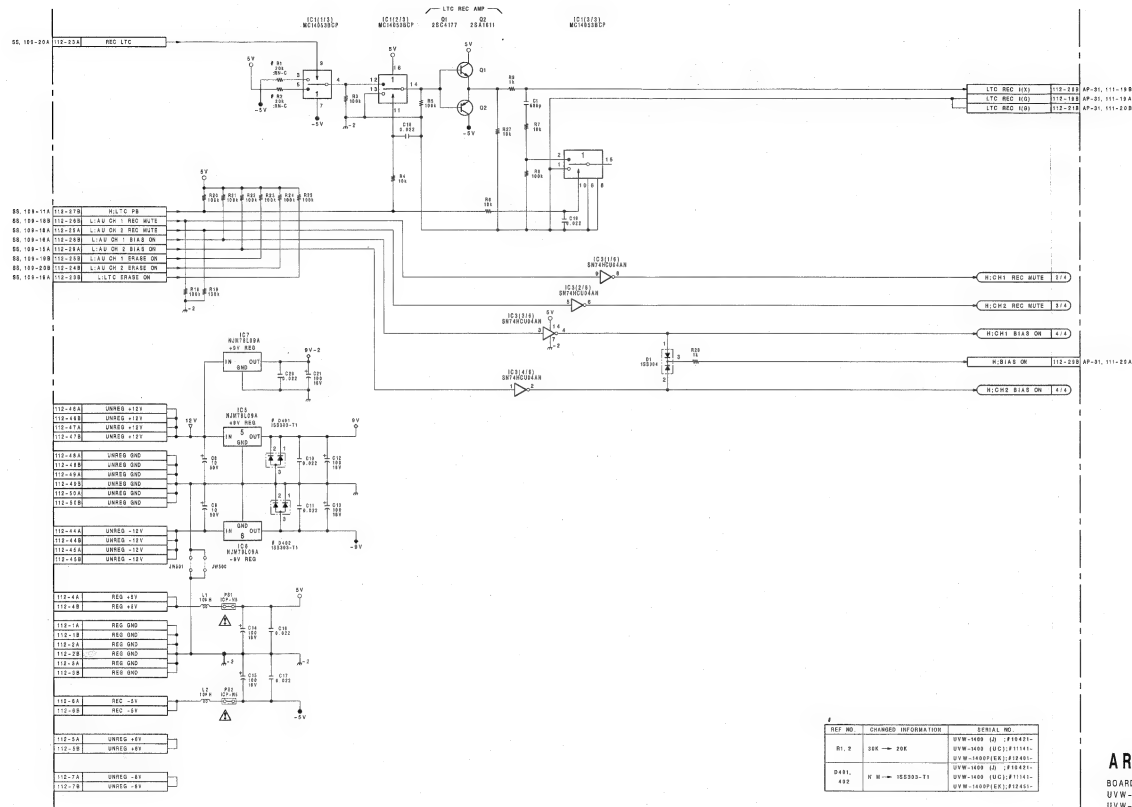
AR-14A/14AP (1-648-907-21.22)

CN112	E-5	FS59	D-4	FS137	J-2	RV302	B-4
*D1	D-5	FS60	D-5	FS138	N J-3		
*D101	J-2	FS61	D-1	FS139	N J-3	S103	J-1
*D102	J-1	FS62	N E-1	FS140	N J-5	S203	A-1
*D103	C-3	FS63	D-3	FS141	J-5		
*D201	A-2	FS64	E-3	FS142	J-1	*TH1	G-2
*D202	A-1	FS65	E-3	FS143	J-1	*TH2	C-2
*D203	A-3	FS66	D-4	FS144	J-1		
*D301	C-5	FS68	E-4	FS145	J-2	TP106	H-1
*D302	D-4	FS69	D-4	FS146	N J-2	TP206	A-1
*D303	B-3	FS70	D-4	FS147	N J-2		
*D304	B-5	FS72	N E-1	FS148	N J-3	X301	D-3
*D305	B-3	FS73	N E-2	FS149	N J-3		
*D306	A-5	FS74	N E-3	FS150	J-4		
		FS75	N F-3	FS152	H-2		
		FS76	N E-3	FS153	N E-1		
E106	H-1	FS77	N F-3	FS154	N F-1		
E206	A-1	FS78	E-4	FS155	J-5		
		FS79	E-4	FS156	N J-4		
		FS80	F-4				
FS1	A-1	FS81	E-5	IC1	E-4		
FS2	A-1	FS82	E-5	IC3	D-5		
FS3	A-1	FS83	F-1	IC5	B-5		
FS4	A-2	FS84	N F-1	IC6	B-5		
FS5	A-5	FS85	F-1	IC7	C-5		
FS6	A-5	FS86	N F-1	IC101	J-2		
FS7	A-2	FS87	F-1	IC102	J-2		
FS8	A-2	FS88	N F-2	IC103	H-2		
FS9	A-2	FS89	N F-2	IC104	G-2		
FS10	A-5	FS90	N F-2	IC201	A-2		
FS11	A-5	FS91	N F-3	IC202	B-2		
FS12	A-5	FS92	N F-3	IC203	C-2		
FS13	B-1	FS93	N F-3	IC204	D-2		
FS14	B-2	FS94	N F-4	IC301	D-3		
FS15	B-5	FS95	N F-4	IC302	D-4		
FS16	B-5	FS96	N F-4	IC303	C-4		
FS17	A-5	FS97	F-4	IC304	C-3		
FS18	A-5	FS98	N F-5	IC305	D-3		
FS19	A-5	FS99	N F-5	IC306	C-3		
FS20	B-1	FS100	F-5	IC307	C-5		
FS21	B-2	FS101	F-5	IC308	C-4		
FS22	B-2	FS102	F-5	IC309	B-5		
FS23	B-3	FS103	F-5				
FS24	B-3	FS104	F-5	LV101	C-2		
FS25	B-4	FS105	F-5	LV201	A-2		
FS26	B-5	FS106	F-5				
FS27	B-1	FS107	G-1	PS1	H-5		
FS28	B-2	FS108	G-1	PS2	H-5		
FS29	C-2	FS109	G-2				
FS30	B-5	FS110	G-2	*Q1	E-5		
FS31	B-5	FS111	N G-2	*Q2	E-5		
FS32	B-5	FS112	N G-2	*Q3	N E-5		
FS33	B-5	FS113	G-3	*Q4	N E-5		
FS34	C-1	FS114	N G-3	*Q5	N F-5		
FS35	C-2	FS115	N G-3	*Q101	G-1		
FS36	C-2	FS116	N G-4	*Q102	E-4		
FS37	C-5	FS117	G-4	*Q103	G-2		
FS38	C-5	FS118	N G-4	Q104	C-4		
FS39	C-5	FS119	N G-5	Q105	B-4		
FS40	C-1	FS120	G-5	*Q201	C-1		
FS41	C-1	FS121	G-5	*Q202	E-4		
FS42	C-2	FS122	H-1	*Q203	C-1		
FS43	C-2	FS123	H-1	Q204	A-4		
FS44	C-3	FS124	J-1	Q205	A-4		
FS45	C-3	FS125	H-2	*Q301	B-3		
FS46	C-3	FS126	H-2	Q302	C-5		
FS47	C-3	FS127	H-2	*Q303	B-3		
FS48	C-3	FS128	N H-4	Q304	A-5		
FS49	C-4	FS129	J-1	Q305	C-5		
FS50	C-4	FS130	J-1	Q306	A-5		
FS51	C-5	FS131	J-1				
FS52	N D-1	FS132	J-2	RV106	J-1		
FS53	D-3	FS133	J-2	RV107	H-1		
FS54	D-3	FS134	J-2	RV206	A-1		
FS55	D-3	FS135	H-2	RV207	B-1		
FS56	D-4	FS136	J-2	RV301	B-4		
FS57	D-4						
FS58	D-4						

\* : B SIDE

N : UVW-1400 ONLY

## AR-14A/14AP(1/4);LTC REC



UVW-1400  
UVW-1400P

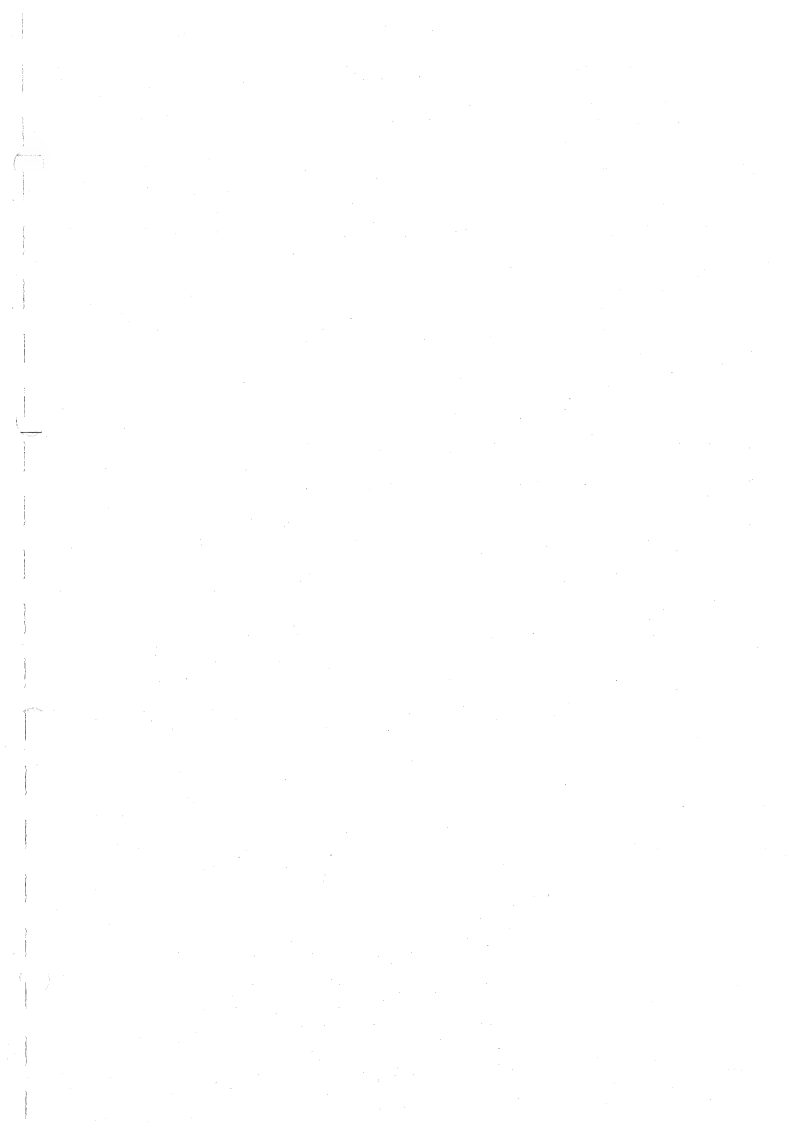
16-25

16-25

AR-14A/14AP BOARD (1/4)

BOARD NO. 1-648-907-21, 22  
UVW-1400 (J) :#10001-  
UVW-1400 (UC) :#10001-  
UVW-1400P (EK) :#10001-







AR-14A/14AP (1-648-907-21,22)

CN112	E-5	FS69	D-4	FS137	J-2	RV302	B-4
		FS60	D-5	FS138	N J-3		
*D1	D-5	FS61	D-1	FS139	N J-3	S10	J-1
*D101	J-2	FS62	N E-1	FS140	N J-5	S203	A-1
*D102	J-1	FS63	D-3	FS141	J-5		
*D103	C-3	FS64	E-3	FS142	J-1	*TH1	G-2
*D201	A-2	FS65	E-3	FS143	J-1	*TH2	C-2
*D202	A-1	FS66	D-4	FS144	J-1		
*D203	A-3	FS68	E-4	FS145	J-2	TP106	H-1
*D301	C-5	FS69	D-4	FS146	N J-2	TP206	A-1
*D302	D-4	FS70	D-4	FS147	N J-2		
*D303	B-3	FS72	N E-1	FS148	N J-3	X301	D-3
*D304	B-5	FS73	N E-2	FS149	N J-3		
*D305	B-3	FS74	N E-3	FS150	J-4		
*D306	A-5	FS75	N F-3	FS152	H-2		
		FS76	N E-3	FS153	N E-1		
E106	H-1	FS77	N F-3	FS154	N F-1		
E206	A-1	FS78	E-4	FS155	J-5		
		FS79	E-4	FS156	N J-4		
FS1	A-1	FS80	F-4	IC1	E-4		
FS2	A-1	FS81	E-5	IC3	D-5		
FS3	A-1	FS82	E-5	IC5	B-5		
FS4	A-2	FS83	F-1	IC6	B-5		
FS5	A-2	FS84	N F-1	IC7	C-5		
FS6	A-5	FS85	F-1	IC101	J-2		
FS7	A-2	FS86	N F-1	IC102	J-2		
FS8	A-2	FS87	F-1	IC103	H-2		
FS9	A-2	FS88	N F-2	IC104	G-2		
FS10	A-5	FS89	N F-2	IC201	A-2		
FS11	A-5	FS90	N F-2	IC202	B-2		
FS12	A-5	FS91	N F-3	IC203	C-2		
FS13	B-1	FS92	N F-3	IC204	D-2		
FS14	B-2	FS93	N F-3	IC301	D-3		
FS15	B-5	FS94	N F-4	IC302	D-4		
FS16	B-5	FS95	N F-4	IC303	C-4		
FS17	A-5	FS96	N F-4	IC304	C-3		
FS18	A-5	FS97	F-4	IC305	D-3		
FS19	A-5	FS98	N F-5	IC306	C-3		
FS20	B-1	FS99	N F-5	IC307	C-5		
FS21	B-2	FS100	F-5	IC308	C-4		
FS22	B-2	FS101	F-5	IC309	B-5		
FS23	B-3	FS102	F-5				
FS24	B-3	FS103	F-5	LV101	C-2		
FS25	B-4	FS104	F-5	LV201	A-2		
FS26	B-5	FS105	F-5				
FS27	B-1	FS106	F-5	PS1	H-5		
FS28	B-2	FS107	G-1	PS2	H-5		
FS29	C-2	FS108	G-1				
FS30	B-5	FS109	G-2	*Q1	E-5		
FS31	B-5	FS110	G-2	*Q2	E-5		
FS32	B-5	FS111	N G-2	*Q3	N E-5		
FS33	B-5	FS112	N G-2	*Q4	N E-5		
FS34	C-1	FS113	G-3	*Q5	N F-5		
FS35	C-2	FS114	N G-3	*Q101	G-1		
FS36	C-2	FS115	N G-3	*Q102	E-4		
FS37	C-5	FS116	N G-4	*Q103	G-2		
FS38	C-5	FS117	G-4	Q104	C-4		
FS39	C-5	FS118	N G-4	Q105	B-4		
FS40	C-1	FS119	N G-5	*Q201	C-1		
FS41	C-1	FS120	G-5	*Q202	E-4		
FS42	C-2	FS121	G-5	*Q203	C-1		
FS43	C-2	FS122	H-1	Q204	A-4		
FS44	C-3	FS123	H-1	Q205	A-4		
FS45	C-3	FS124	J-1	*Q301	B-3		
FS46	C-3	FS125	H-2	*Q302	C-5		
FS47	C-3	FS126	H-2	*Q303	B-3		
FS48	C-3	FS127	H-2	Q304	A-5		
FS49	C-4	FS128	N H-4	Q305	C-5		
FS50	C-4	FS129	J-1	Q306	A-5		
FS51	C-5	FS130	J-1				
FS52	N D-1	FS131	J-1	RV106	J-1		
FS54	D-3	FS132	J-2	RV107	H-1		
FS55	D-3	FS133	J-2	RV206	A-1		
FS56	D-3	FS134	J-2	RV207	B-1		
FS57	D-4	FS135	H-2	RV301	B-4		
FS58	D-4	FS136	J-2				

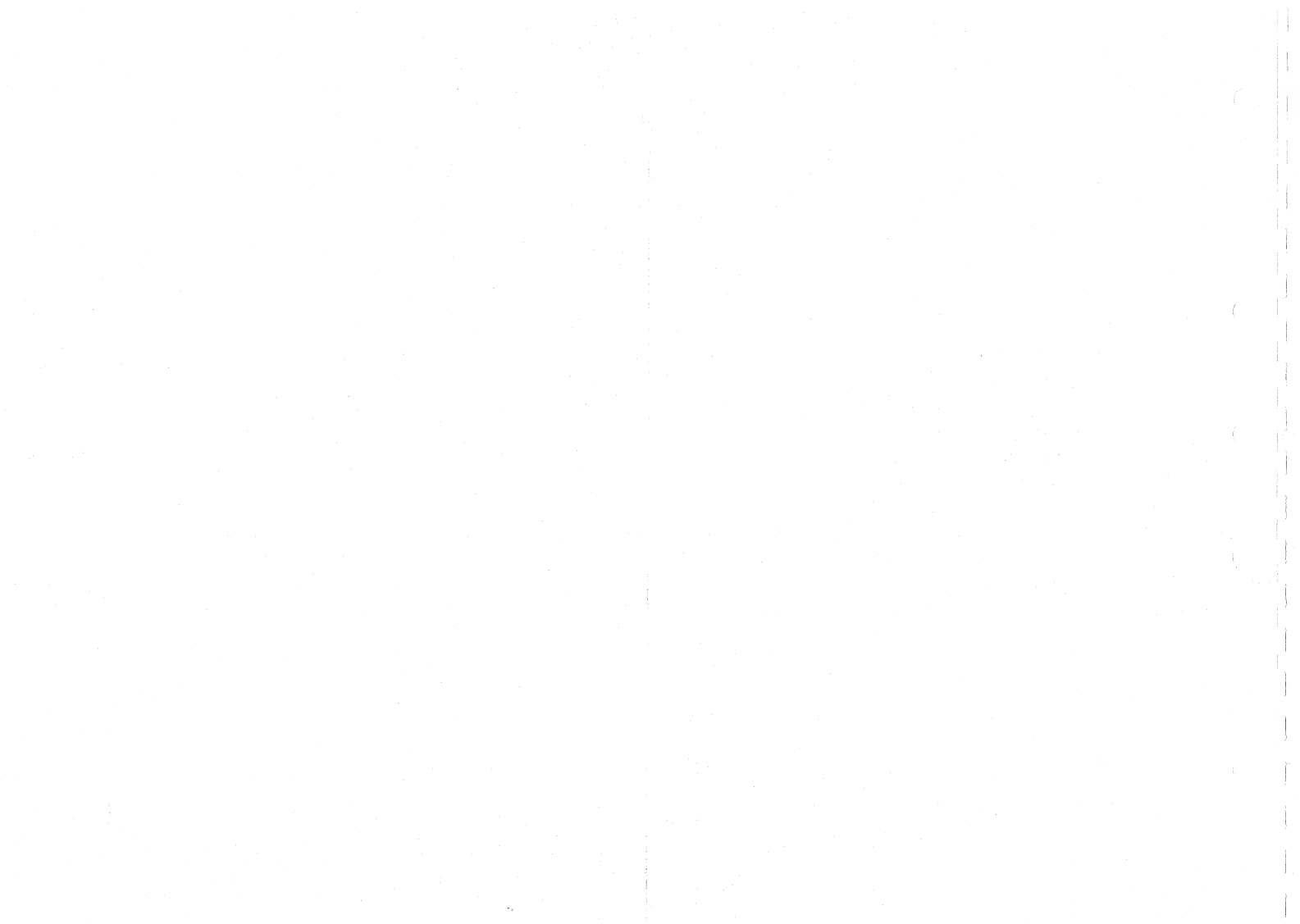
\* : B SIDE

N : UVW-1400 ONLY

## A

16-29

BOARD NO. 1-648-907-21, 22  
UVW-1400 (J) : #10001-  
UVW-1400 (UC) : #10001-  
UVW-1400P (EK) : #10001-





AR-14A/14AP (1-648-907-21,22)

CN112	E-5	FS59	D-4	FS137	J-2	RV302	B-4
*D1	D-5	FS60	D-5	FS138 N	J-3		
*D101	J-2	FS61	D-1	FS139 N	J-3	S103	J-1
*D102	J-1	FS62 N	E-1	FS140 N	J-5	S203	A-1
*D103	C-3	FS63	D-3	FS141	J-5		
*D201	A-2	FS64	E-3	FS142	J-1	*TH1	G-2
*D202	A-1	FS65	E-3	FS143	J-1	*TH2	C-2
*D203	A-3	FS66	D-4	FS144	J-1		
*D301	C-5	FS67	E-4	FS145	J-2	TP106	H-1
*D302	D-4	FS68	D-4	FS146 N	J-2	TP206	A-1
*D303	B-3	FS70	D-4	FS147 N	J-2		
*D304	B-5	FS72 N	E-1	FS148 N	J-3	X301	D-3
*D305	B-3	FS73 N	E-2	FS149 N	J-3		
*D306	A-3	FS74 N	E-3	FS150	J-4		
		FS75 N	F-3	FS152	H-2		
		FS76 N	E-3	FS153 N	E-1		
E106	H-1	FS77 N	F-3	FS154 N	F-1		
E206	A-1	FS78	E-4	FS155	J-5		
		FS79	E-4	FS156 N	J-4		
FS1	A-1	FS80	F-4				
FS2	A-1	FS81	E-5	IC1	E-4		
FS3	A-1	FS82	E-5	IC3	D-5		
FS4	A-2	FS83	F-1	IC5	B-5		
FS5	A-2	FS84 N	F-1	IC6	B-5		
FS6	A-5	FS85	F-1	IC7	C-5		
FS7	A-2	FS86 N	F-1	IC101	J-2		
FS8	A-2	FS87	F-1	IC102	J-2		
FS9	A-2	FS88 N	F-2	IC103	H-2		
FS10	A-5	FS89 N	F-2	IC104	G-2		
FS11	A-5	FS90 N	F-2	IC201	A-2		
FS12	A-5	FS91 N	F-3	IC202	B-2		
FS13	B-1	FS92 N	F-3	IC203	C-2		
FS14	B-2	FS93 N	F-3	IC204	D-2		
FS15	B-5	FS94 N	F-4	IC301	D-3		
FS16	B-5	FS95 N	F-4	IC302	D-4		
FS17	A-5	FS96 N	F-4	IC303	C-4		
FS18	A-5	FS97	F-4	IC304	C-3		
FS19	A-5	FS98 N	F-5	IC305	D-3		
FS20	B-1	FS99 N	F-5	IC306	C-3		
FS21	B-2	FS100	F-5	IC307	C-5		
FS22	B-2	FS101	F-5	IC308	C-4		
FS23	B-3	FS102	F-5	IC309	B-5		
FS24	B-3	FS103	F-5				
FS25	B-4	FS104	F-5	LV101	C-2		
FS26	B-5	FS105	F-5	LV201	A-2		
FS27	B-1	FS106	F-5				
FS28	B-2	FS107	G-1	PS1	H-5		
FS29	C-2	FS108	G-1	PS2	H-5		
FS30	B-5	FS109	G-2				
FS31	B-5	FS110	G-2	*Q1	E-5		
FS32	B-5	FS111 N	G-2	*Q2	E-5		
FS33	B-5	FS112 N	G-2	*Q3	N E-5		
FS34	C-1	FS113	G-3	*Q4	N E-5		
FS35	C-2	FS114 N	G-3	*Q5	N F-5		
FS36	C-2	FS115 N	G-3	*Q101	G-1		
FS37	C-5	FS116 N	G-4	*Q102	E-4		
FS38	C-5	FS117	G-4	*Q103	G-2		
FS39	C-5	FS118 N	G-4	Q104	C-4		
FS40	C-1	FS119 N	G-5	Q105	B-4		
FS41	C-1	FS120	G-5	*Q201	C-1		
FS42	C-2	FS121	G-5	*Q202	E-4		
FS43	C-2	FS122	H-1	*Q203	C-1		
FS44	C-3	FS123	H-1	Q204	A-4		
FS45	C-3	FS124	J-1	Q205	A-4		
FS46	C-3	FS125	H-2	*Q301	B-3		
FS47	C-3	FS126	H-2	Q302	C-5		
FS48	C-3	FS127	H-2	*Q303	B-3		
FS49	C-4	FS128 N	H-4	Q304	A-5		
FS50	C-4	FS129	J-1	Q305	C-5		
FS51	C-5	FS130	J-1	Q306	A-5		
FS52 N	D-1	FS131	J-1				
FS54	D-3	FS132	J-2	RV106	J-1		
FS55	D-3	FS133	J-2	RV107	H-1		
FS56	D-3	FS134	J-2	RV206	A-1		
FS57	D-4	FS135	H-2	RV207	B-1		
FS58	D-4	FS136	J-2	RV301	B-4		

\*: B SIDE

N : UVW-1400 ONLY

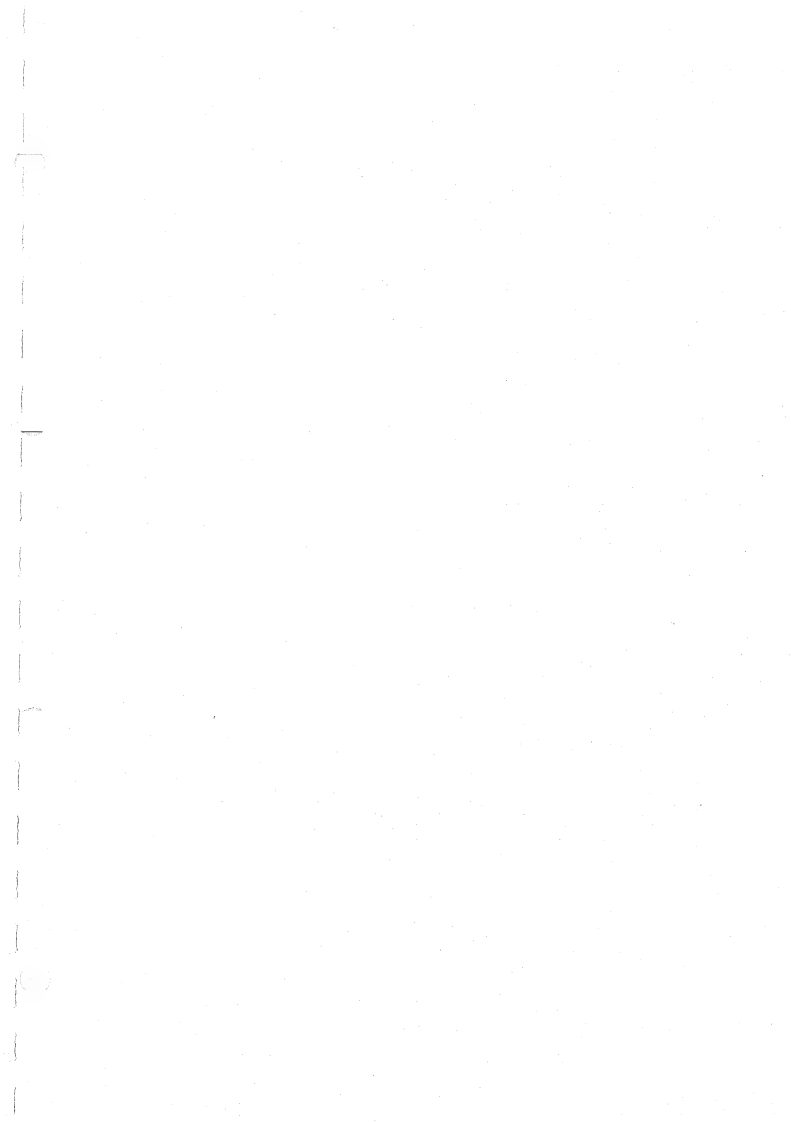
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#	J, UC	PAI
G215	2200P	2703P
G216	1600P	1620P
G218	100P	N/M
G220	1500P	2703P
H226	100K	8269
H229	320K	N/M
H231	9	6

BOARD NO. 1-848-807-21, 22  
UVW-1400 (J) ; #10001-  
UVW-1400 (UC) ; #10001-  
UVW-1400P (EK) ; #10001-







AR-14A/14AP (1-648-907-21,22)

CN112	E-5	FS59	D-4	FS137	J-2	RV302	B-4
		FS60	D-5	FS138	N J-3		
*D1	D-5	FS61	D-1	FS139	N J-3	S103	J-1
*D101	J-2	FS62	N E-1	FS140	N J-5	S203	A-1
*D102	J-1	FS63	D-3	FS141	J-5		
*D103	C-3	FS64	E-3	FS142	J-1	*TH1	G-2
*D201	A-2	FS65	E-3	FS143	J-1	*TH2	C-2
*D202	A-1	FS66	D-4	FS144	J-1		
*D203	A-3	FS68	E-4	FS145	J-2	TP106	H-1
*D301	C-5	FS69	D-4	FS146	N J-2	TP206	A-1
*D302	D-4	FS70	D-4	FS147	N J-2		
*D303	B-3	FS72	N E-1	FS148	N J-3	X301	D-3
*D304	B-5	FS73	N E-2	FS149	N J-3		
*D305	B-3	FS74	N E-3	FS150	J-4		
*D306	A-5	FS75	N F-3	FS152	H-2		
		FS76	N E-3	FS153	N E-1		
E106	H-1	FS77	N F-3	FS154	N F-1		
E206	A-1	FS78	E-4	FS155	N J-5		
		FS79	E-4	FS156	N J-4		
FS1	A-1	FS80	F-4	IC1	E-4		
FS2	A-1	FS81	E-5	IC3	D-5		
FS3	A-1	FS82	E-5	IC5	B-5		
FS4	A-2	FS83	F-1	IC6	B-5		
FS5	A-2	FS84	N F-1	IC7	C-5		
FS6	A-5	FS85	F-1	IC101	J-2		
FS7	A-2	FS86	N F-1	IC102	J-2		
FS8	A-2	FS87	F-1	IC103	H-2		
FS9	A-2	FS88	N F-2	IC104	G-2		
FS10	A-5	FS89	N F-2	IC201	A-2		
FS11	A-5	FS90	N F-2	IC202	B-2		
FS12	A-5	FS91	N F-3	IC203	C-2		
FS13	B-1	FS92	N F-3	IC204	D-2		
FS14	B-2	FS93	N F-3	IC301	D-3		
FS15	B-5	FS94	N F-4	IC302	D-4		
FS16	B-5	FS95	N F-4	IC303	C-4		
FS17	A-5	FS96	N F-4	IC304	C-3		
FS18	A-5	FS97	F-4	IC305	D-3		
FS19	A-5	FS98	N F-5	IC306	C-3		
FS20	B-1	FS99	N F-5	IC307	C-5		
FS21	B-2	FS100	F-5	IC308	C-4		
FS22	B-2	FS101	F-5	IC309	B-5		
FS23	B-3	FS102	F-5				
FS24	B-3	FS103	F-5	LV101	C-2		
FS25	B-4	FS104	F-5	LV201	A-2		
FS26	B-5	FS105	F-5				
FS27	B-1	FS106	F-5				
FS28	B-2	FS107	G-1	PS1	H-5		
FS29	C-2	FS108	G-1	PS2	H-5		
FS30	B-5	FS109	G-2				
FS31	B-5	FS110	G-2	*Q1	E-5		
FS32	B-5	FS111	N G-2	*Q2	E-5		
FS33	B-5	FS112	N G-2	*Q3	N E-5		
FS34	C-1	FS113	G-3	*Q4	N E-5		
FS35	C-2	FS114	N G-3	*Q5	N F-5		
FS36	C-2	FS115	N G-3	*Q101	G-1		
FS37	C-5	FS116	N G-4	*Q102	E-4		
FS38	C-5	FS117	G-4	*Q103	G-2		
FS39	C-5	FS118	N G-4	Q104	C-4		
FS40	C-1	FS119	N G-5	Q105	B-4		
FS41	C-1	FS120	G-5	*Q201	C-1		
FS42	C-2	FS121	G-5	*Q202	E-4		
FS43	C-2	FS122	H-1	*Q203	C-1		
FS44	C-3	FS123	H-1	Q204	A-4		
FS45	C-3	FS124	J-1	Q205	A-4		
FS46	C-3	FS125	H-2	*Q301	B-3		
FS47	C-3	FS126	H-2	Q302	C-5		
FS48	C-3	FS127	H-2	*Q303	B-3		
FS49	C-4	FS128	N H-4	Q304	A-5		
FS50	C-4	FS129	J-1	Q305	C-5		
FS51	C-5	FS130	J-1	Q306	A-5		
FS52	N D-1	FS131	J-1				
FS54	D-3	FS132	J-2	RV106	J-1		
FS55	D-3	FS133	J-2	RV107	H-1		
FS56	D-3	FS134	J-2	RV206	A-1		
FS57	D-4	FS135	H-2	RV207	B-1		
FS58	D-4	FS136	J-2	RV301	B-4		

\* : B SIDE

N : UVW-1400 ONLY

## A

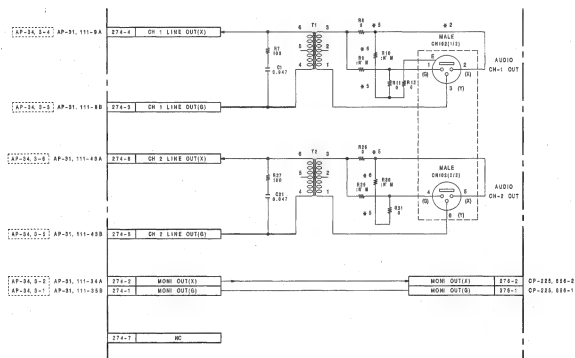
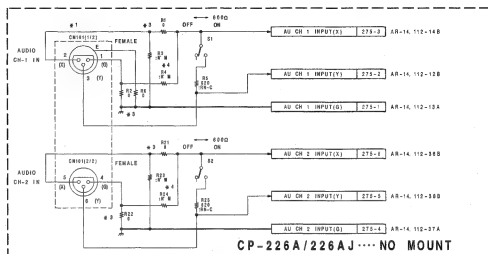








CP-226/226J ; AUDIO INPUT/OUTPUT CONNECTOR, OUTPUT TRANSFORMER  
 CP-226A/226AJ ; AUDIO OUTPUT CONNECTOR, OUTPUT TRANSFORMER



CP-226/226J

REF No	UC, EX	2
#1	CH101	FEMALE MALE
#2	CH102	MALE FEMALE
#3	RS, 2, 21, 22	0 1W M
#4	RS, 4, 23, 24	0 1W M
#5	RS, 11, 26, 31	0 1W M
#6	RS, 18, 28, 30	0 1W M

CP-226A/226AJ

REF No	UC, EX	2
#1	CH101	MALE FEMALE
#2	RS, 11, 26, 31	0 1W M
#3	RS, 18, 28, 30	0 1W M

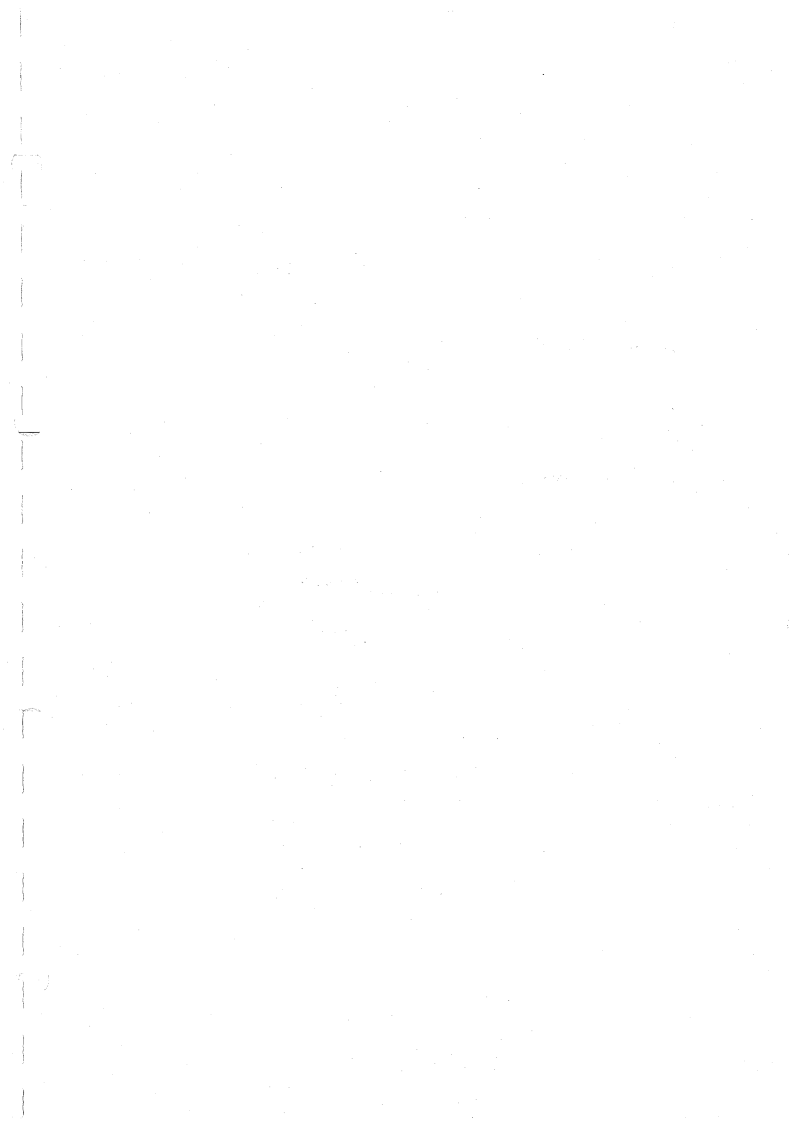
NOTE: (CONNECTOR'S DESTINATION)  
 For UVW-1200/1200P

## CP-226/226A/226J/226AJ BOARD

BOARD NO. 1-648-911-11, 21, 12, 22  
 UVW-1400/1200 (J) ; #10001-  
 UVW-1400/1200 (UC) ; #10001-  
 UVW-1400P/1200P (EK) ; #10001-

UVW-1400/1200  
 UVW-1400P/1200P







DR-214 (1-648-908-11,12)

CN300	H-1
CN301	C-5
CN302	H-5
CN303	L-5

D1	G-2
D151	L-3
D152	K-3
D153	L-2
D154	M-3
D155	K-3
D156	L-2
D301	G-2
D302	J-4
D303	H-4
D304	H-2
D306	H-3

E1	K-1
E2	K-5

IC1	G-2
IC51	C-2
IC52	D-3
IC151	L-4
IC152	L-4
IC153	L-2
IC201	C-1
IC251	L-1
IC301	F-3
IC302	F-4
IC303	F-2
IC304	G-4
IC305	J-5
IC306	H-4
IC307	J-2
IC308	E-5
IC310	J-3
IC311	J-1
IC313	H-2

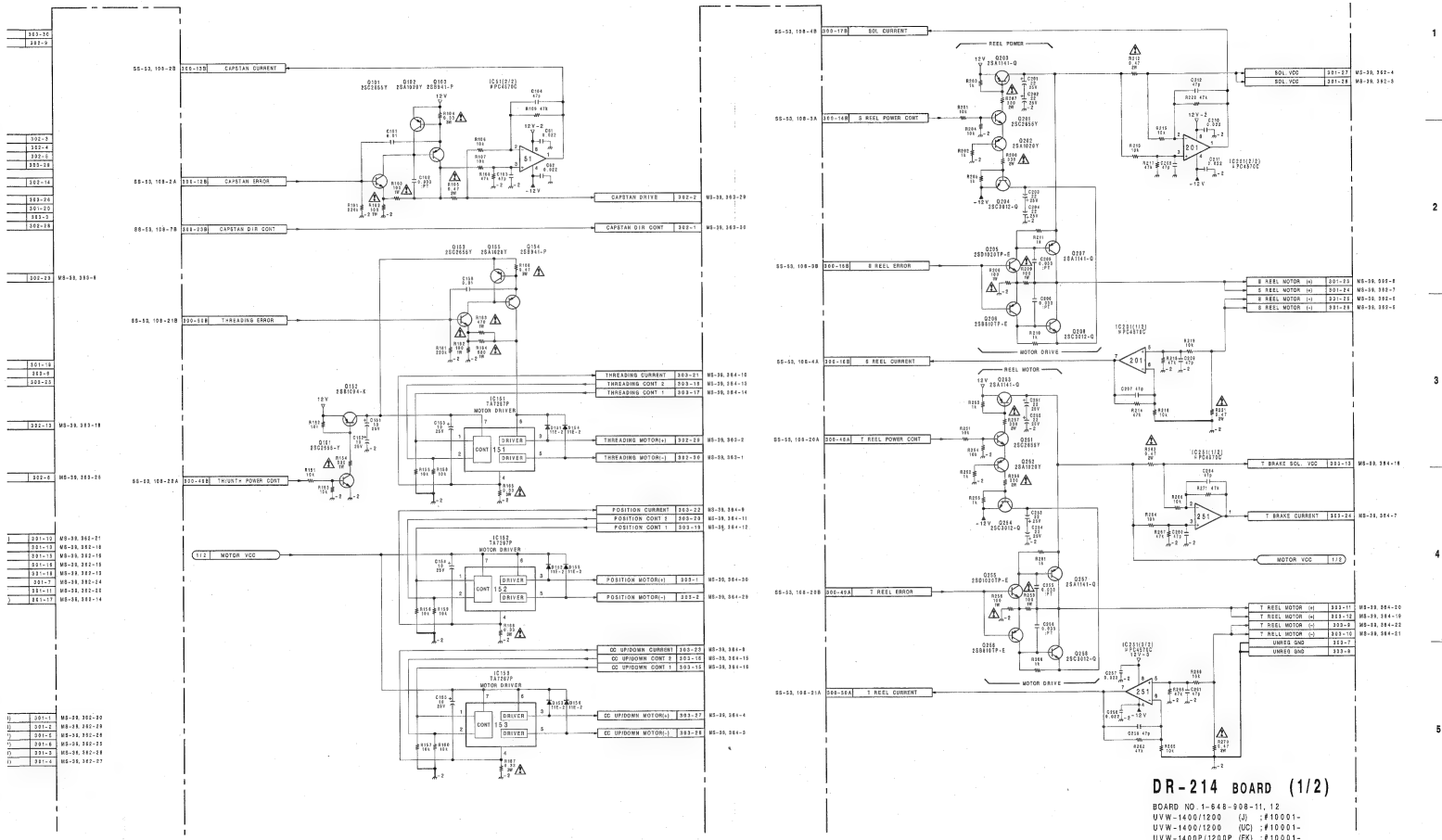
PS1	C-1
PS2	L-1

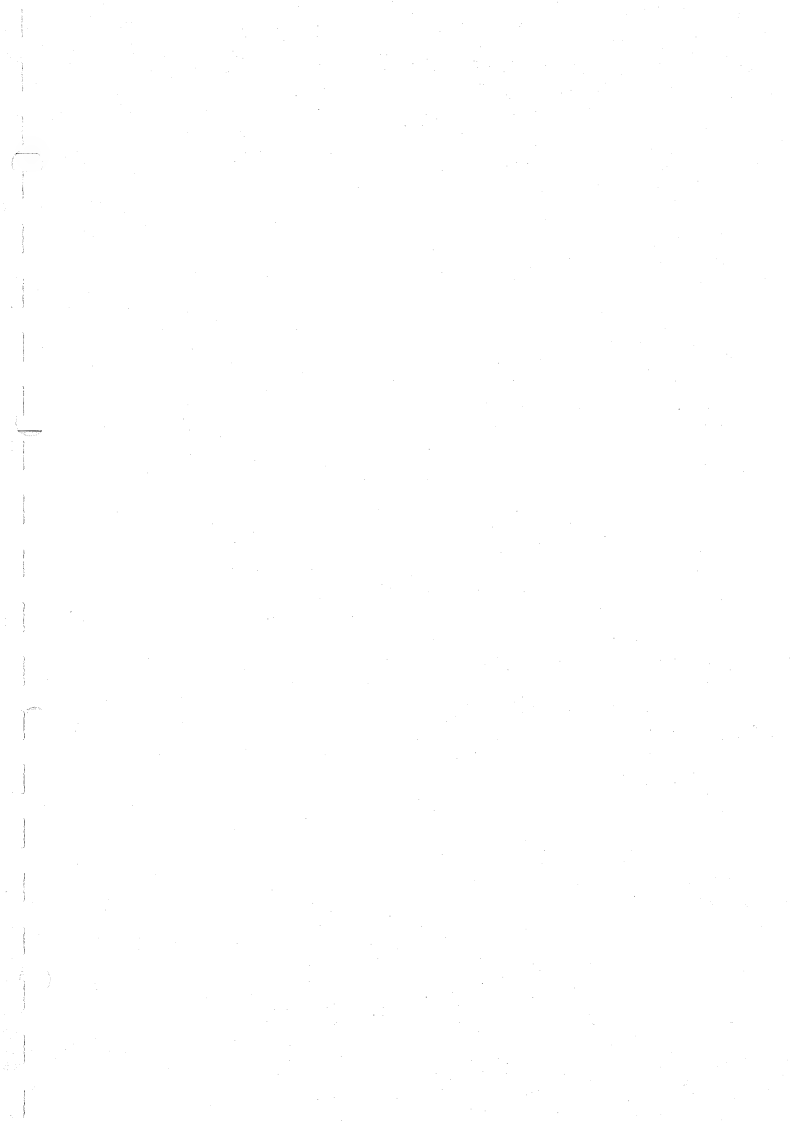
Q1	G-3
Q51	B-5
Q52	B-5
Q53	B-5
Q101	B-4
Q102	B-4
Q103	B-4
Q151	M-2
Q152	N-4
Q153	M-3
Q154	N-5
Q155	M-3
Q201	B-1
Q202	B-1
Q203	B-2
Q204	B-2
Q205	B-3
Q206	B-3
Q207	B-3
Q208	B-4
Q251	N-1
Q252	N-1
Q253	N-2
Q254	M-2
Q255	N-3
Q256	N-3
Q257	N-3
Q258	N-4
Q301	H-2
Q302	K-1
Q303	K-2

\*: B SIDE

UVW-1400/1200  
UVW-1400P/1200P







DR-214 (1-648-908-11,12)

CN300 H-1  
 CN301 C-5  
 CN302 H-5  
 CN303 L-5

D1 G-2  
 D151 L-3  
 D152 K-3  
 D153 L-2  
 D154 M-3  
 D155 K-3  
 D156 L-2  
 D301 G-2  
 D302 J-4  
 D303 H-4  
 D304 H-2  
 D306 H-3

E1 K-1  
 E2 K-5

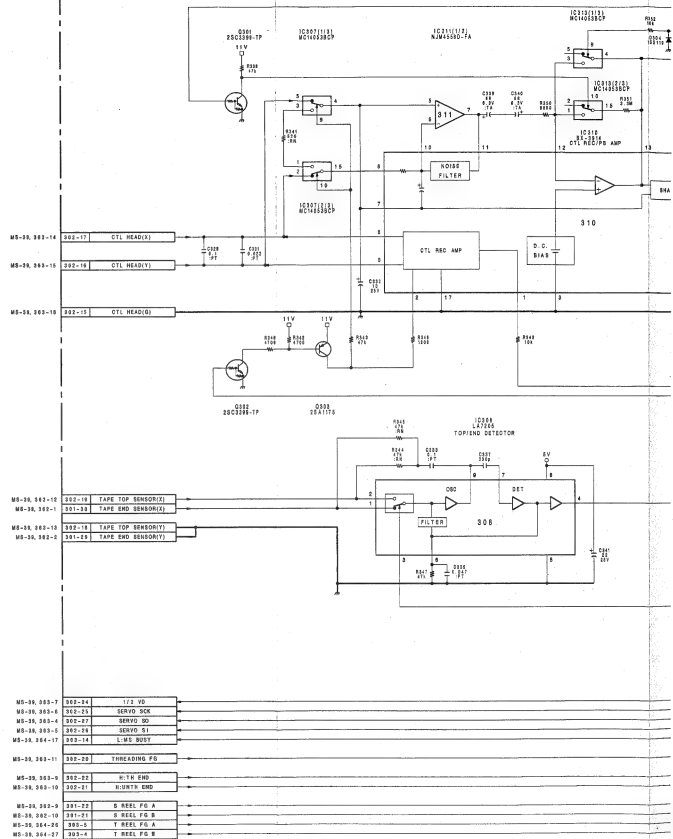
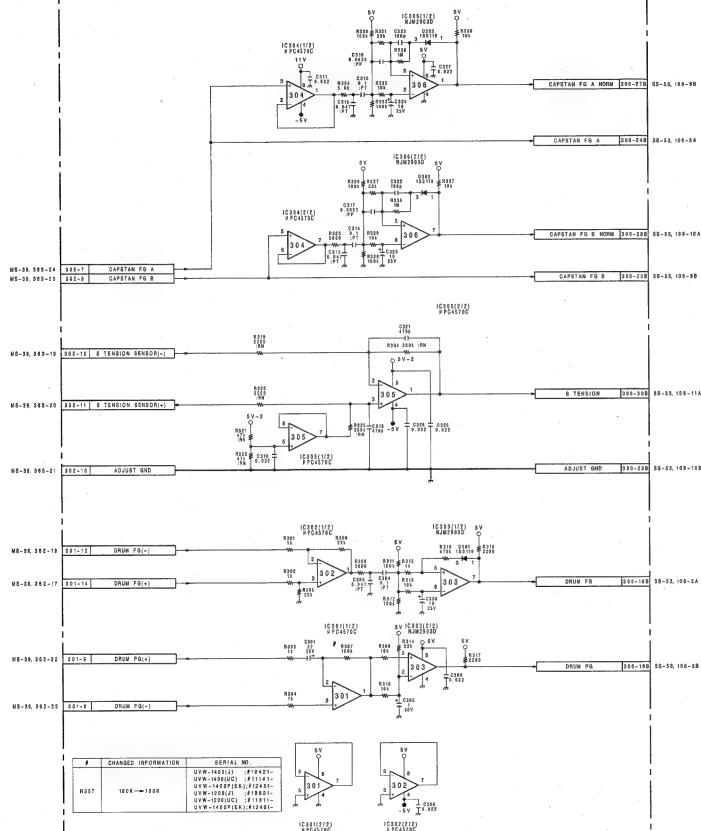
IC1 G-2  
 IC51 C-2  
 IC52 D-3  
 IC151 L-4  
 IC152 L-4  
 IC153 L-2  
 IC201 C-1  
 IC251 L-1  
 IC301 F-3  
 IC302 F-4  
 IC303 F-2  
 IC304 G-4  
 IC305 J-5  
 IC306 H-4  
 IC307 J-2  
 IC308 E-5  
 IC310 J-3  
 IC311 J-1  
 IC313 H-2

PS1 C-1  
 PS2 L-1

Q1 G-3  
 Q51 B-5  
 Q52 B-5  
 Q53 B-5  
 Q101 B-4  
 Q102 B-4  
 Q103 B-4  
 Q151 M-2  
 Q152 N-4  
 Q153 M-3  
 Q154 N-5  
 Q155 M-3  
 Q201 B-1  
 Q202 B-1  
 Q203 B-2  
 Q204 B-2  
 Q205 B-3  
 Q206 B-3  
 Q207 B-3  
 Q208 B-4  
 Q251 N-1  
 Q252 N-1  
 Q253 N-2  
 Q254 M-2  
 Q255 N-3  
 Q256 N-3  
 Q257 N-3  
 Q258 N-4  
 Q301 H-2  
 Q302 K-1  
 Q303 K-2

\* : B SIDE

DR-214(2/2); CTL REC/PB, DRUM PG/FG AMP., CAPSTAN FG AMP.,  
TENSION AMP., TAPE TOP/END DETECT





150



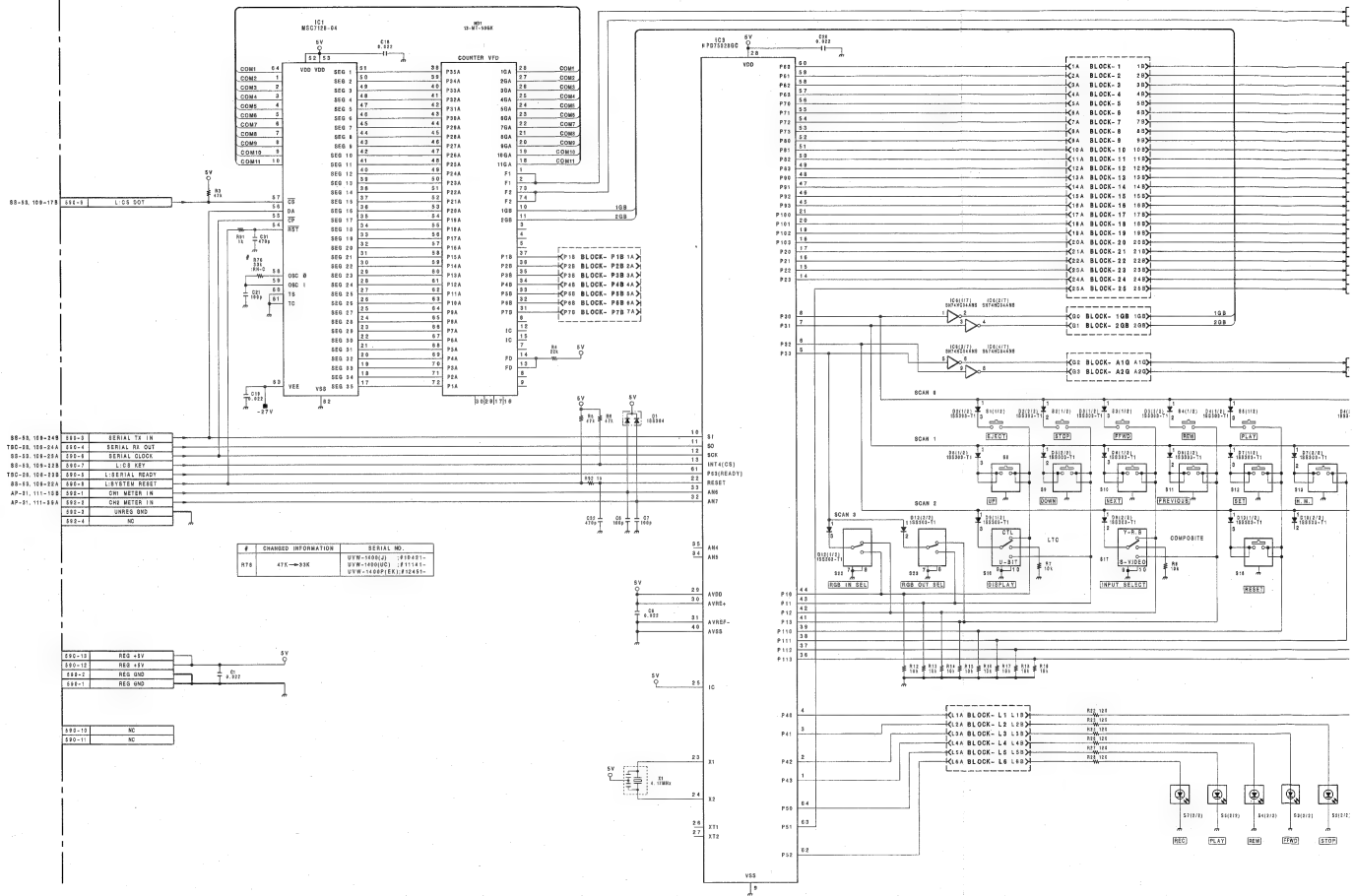


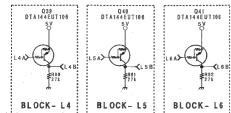
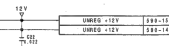
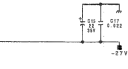
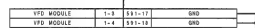
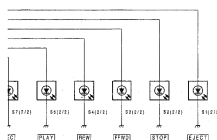
KY-290(1-648-915-11)

CN590	N-3	S11	G-3
CN591	D-1	S12	J-3
CN592	P-3	S13	G-3
CN593	B-1	S14	G-3
		S15	G-2
*D1	N-2	S16	E-2
*D2	L-1	S17	F-2
*D3	K-1	S18	J-3
*D4	K-1	S20	E-3
*D5	J-2	S21	E-2
*D6	J-2	S22	F-3
*D7	J-2	S23	F-3
*D8	H-2		
*D9	H-3	X1	N-2
*D10	J-3		
*D11	J-3		
*D12	J-3		
IC1	L-2		
IC3	N-2		
IC6	M-3		
ND1	E-2		
*Q1	D-3		
*Q2	D-3		
*Q3	D-2		
*Q4	D-2		
*Q5	D-2		
*Q6	D-2		
*Q7	B-2		
*Q8	C-2		
*Q9	D-1		
*Q10	D-1		
*Q11	D-1		
*Q12	D-1		
*Q13	D-1		
*Q14	D-1		
*Q15	E-1		
*Q16	B-1		
*Q17	B-1		
*Q18	B-1		
*Q19	B-1		
*Q20	B-1		
*Q21	B-1		
*Q22	B-1		
*Q23	D-1		
*Q24	D-1		
*Q25	D-1		
*Q26	C-1		
*Q27	C-1		
*Q28	C-1		
*Q29	C-1		
*Q30	C-1		
*Q31	C-1		
*Q32	C-1		
*Q33	C-1		
*Q34	B-1		
*Q35	C-1		
*Q36	N-1		
*Q37	M-1		
*Q38	M-1		
*Q39	N-1		
*Q40	M-1		
*Q41	M-1		
*Q42	D-2		
S1	K-1		
S2	P-1		
S3	N-1		
S4	L-1		
S5	M-1		
S7	P-1		
S8	H-2		
S9	H-3		
S10	H-3		

\* : B SIDE

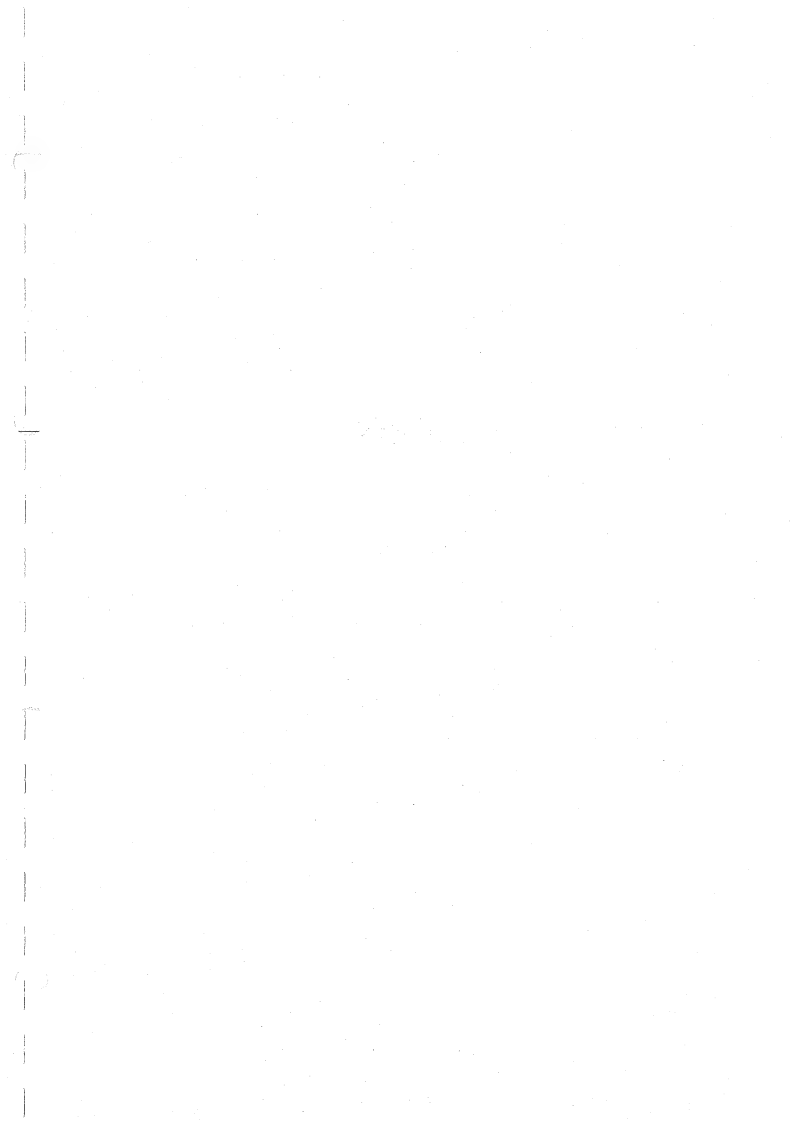
KY-290:FUNCTION KEY, FL DISPLAY





KY-290 BOARD

BOARD NO. 1-648-815-11  
UVW-1400 (J) :#10001-  
UVW-1400 (UC) :#10001-  
UVW-1400P (EK) :#10001-

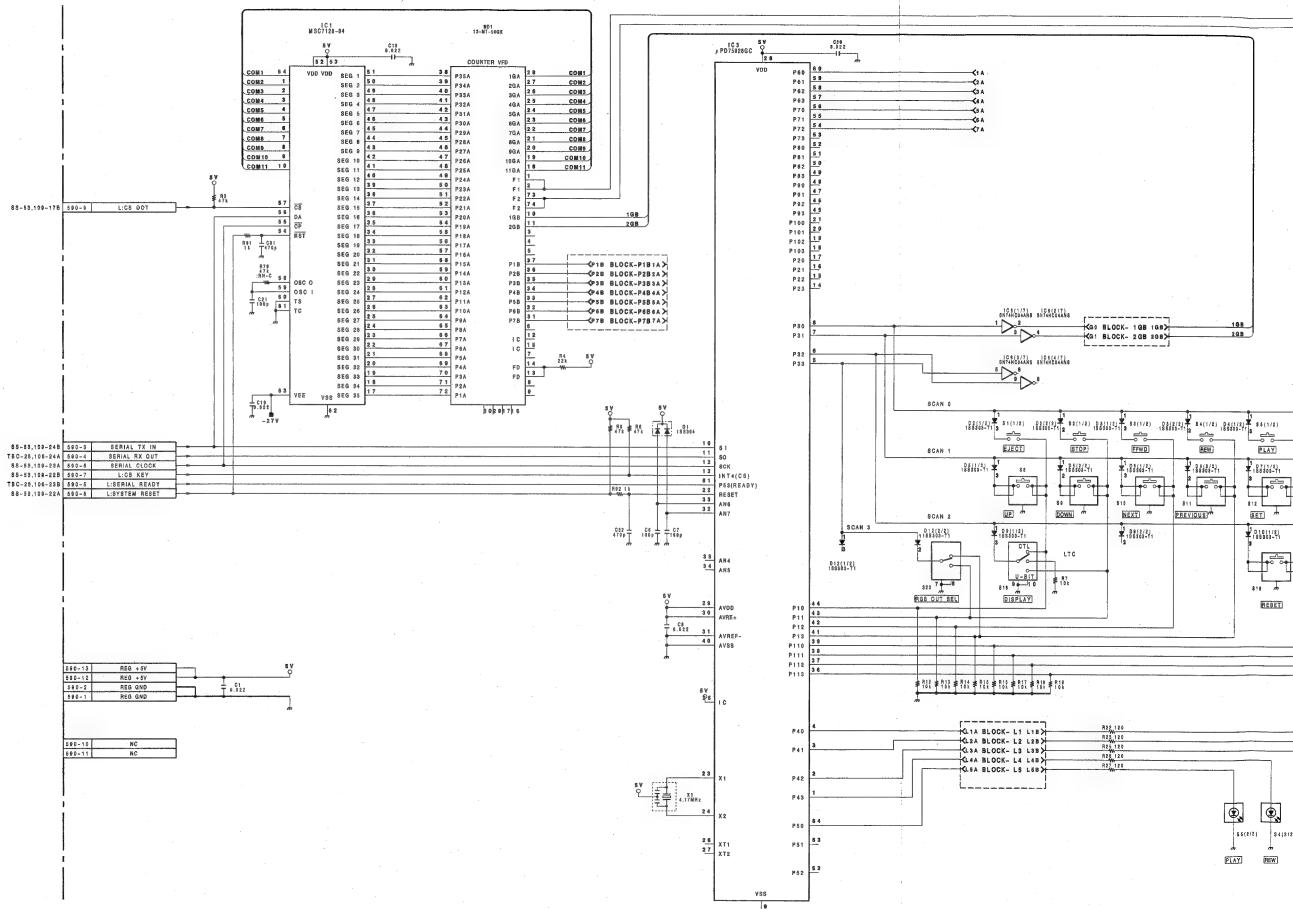


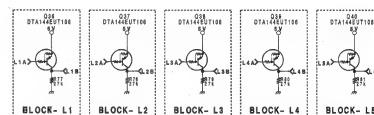
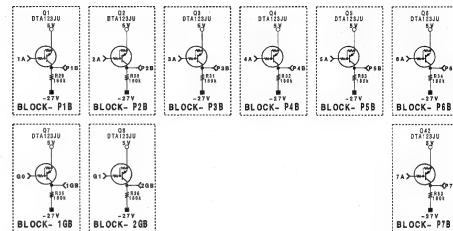
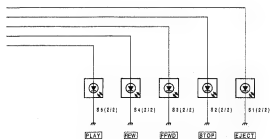
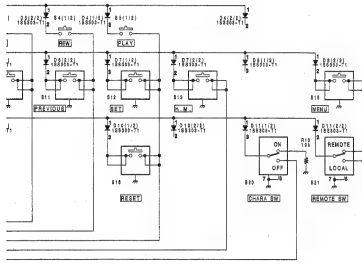
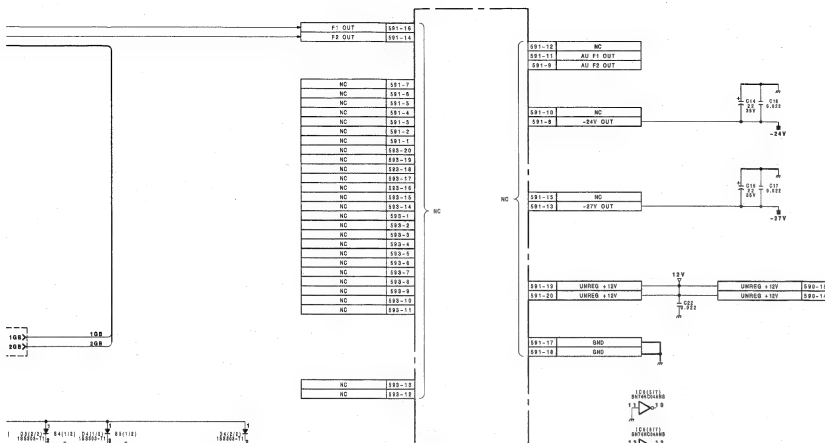
KY-290A(1-648-915-21)

CN590	N-3
CN591	D-1
*D1	N-2
*D2	L-1
*D3	K-1
*D4	K-1
*D5	J-2
*D6	J-2
*D7	J-2
*D8	H-2
*D9	H-3
*D10	J-3
*D11	J-3
*D12	J-3
IC1	L-2
IC3	N-2
IC6	M-3
ND1	E-2
*Q1	D-3
*Q2	D-3
*Q3	D-2
*Q4	D-2
*Q5	D-2
*Q6	D-2
*Q7	B-2
*Q8	C-2
*Q36	N-1
*Q37	M-1
*Q38	M-1
*Q39	N-1
*Q40	M-1
*Q42	D-2
S1	K-1
S2	P-1
S3	N-1
S4	L-1
S5	M-1
S8	H-2
S9	H-3
S10	H-3
S11	G-3
S12	J-3
S13	G-3
S15	G-2
S16	E-2
S18	J-3
S20	E-3
S21	E-2
S23	F-3
X1	N-2

\* : B SIDE

KY-290A;FUNCTION KEY,FL DISPLAY





# KY-290A BOARD

BOARD NO.1-848-915-21  
UVW-1200 (J) :J10001-  
UVW-1200 (UC):J10001-  
UVW-1200P (EK):J10001-





MS-39/39A (1-648-909-11,12)

CN350	L-5
CN351	F-1
CN352	F-1
CN353	J-5
CN354	B-3
CN355	D-3
CN356	B-1
CN357	J-1
CN358	C-3
CN359	K-5
CN360	F-5
CN361	G-5
CN362	B-2
CN363	G-4
CN364	K-2

D1	F-2
D2	F-2
D3	B-2
D4	M-2
D7	K-1
D8	K-1
D9	K-1
D10	L-1

IC1	H-4
IC2	E-3
IC3	D-3
IC7	G-4
IC8	G-3

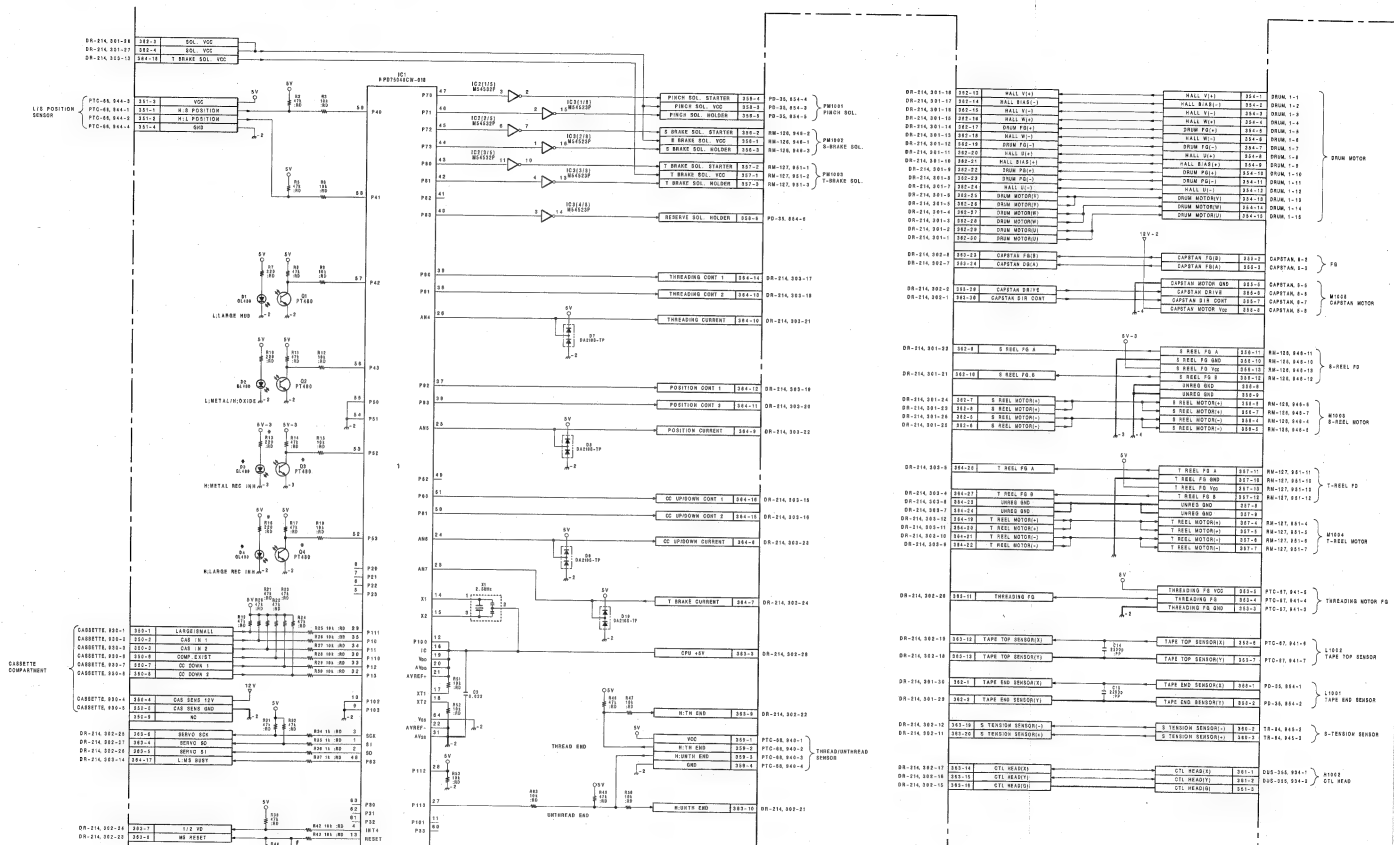
Q1	F-1
Q2	F-1
Q3	B-1
Q4	M-1

X1	J-4
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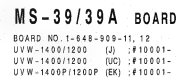
\*: B SIDE

\_: UVW-1400/1400P ONLY

## MS-39/39A;CASSETTE INFORMATION, SOLENOID DRIVER, MECHA.CONTROL MPU, DATA STRAGE



16-61





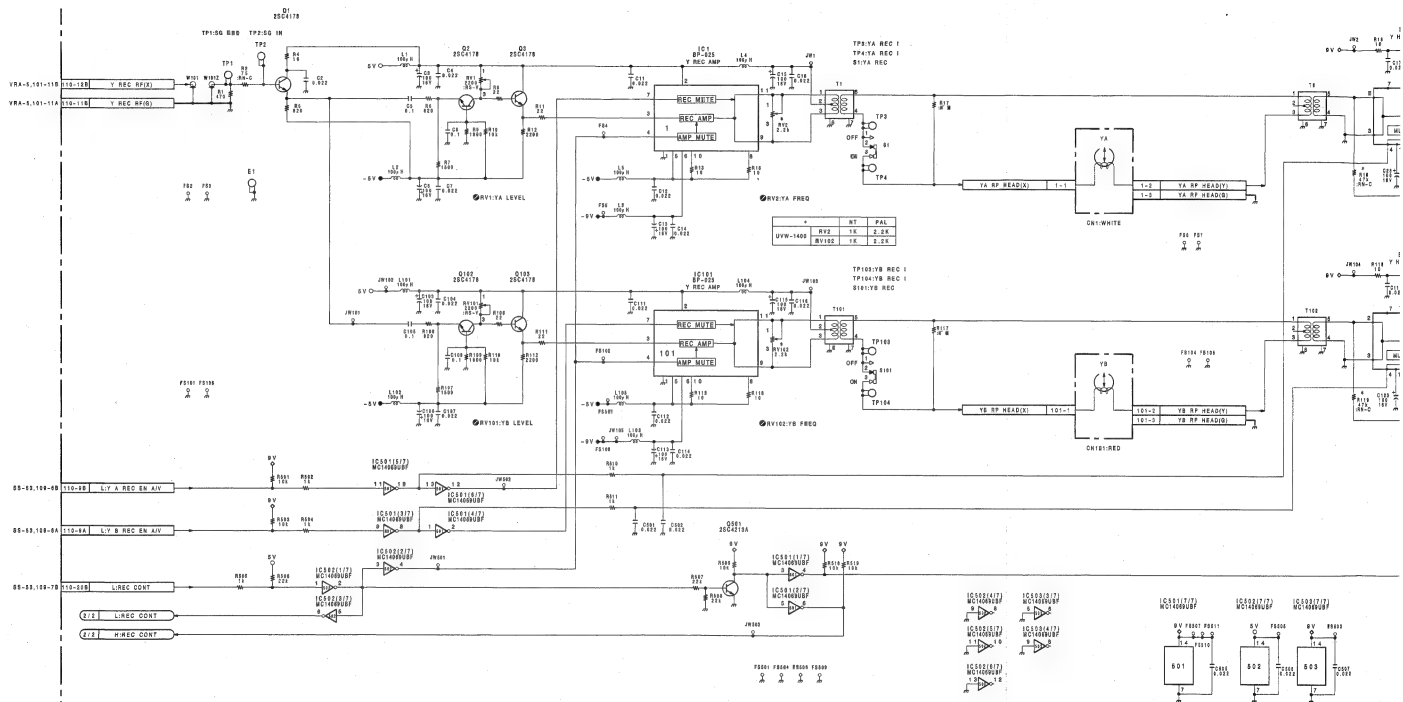
RP-70B/70BP(1-648-904-31)

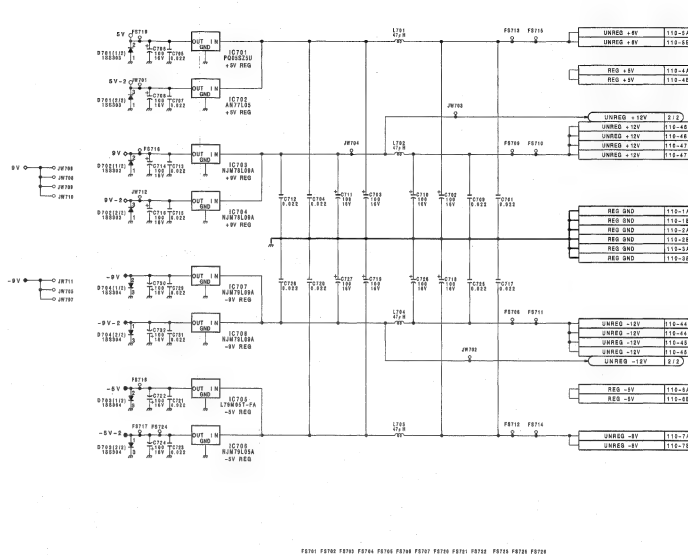
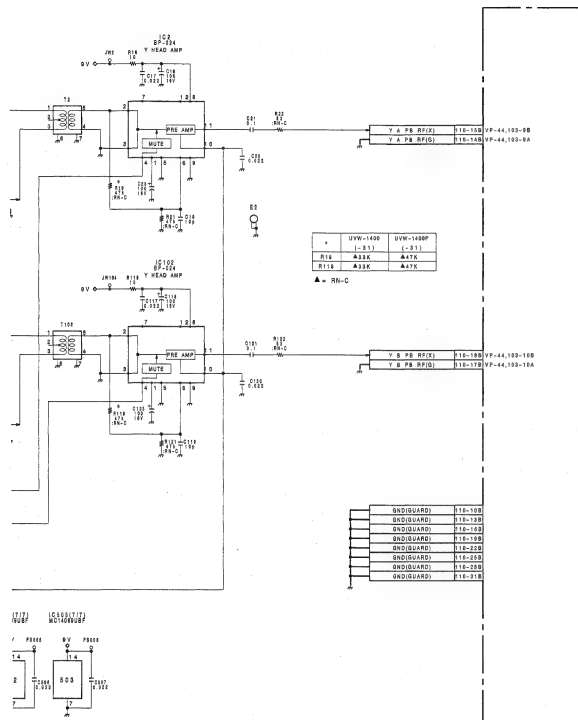
CN1	J-4	FS716	J-5	TP202	F-1
CN101	H-4	FS717	D-1	TP203	F-3
CN110	E-5	FS718	D-1	TP204	F-4
CN201	F-4	FS719	D-1	TP303	E-3
CN301	E-4	FS720	H-5	TP304	E-4
		FS721	G-5		
*D701	D-2	FS722	G-5		
*D702	D-5	FS723	D-1		
*D703	D-3	FS724	E-1		
*D704	D-4	FS725	H-5		
		FS726	H-5		
E1	J-1				
E2	J-4	IC1	J-2		
E201	F-1	IC2	J-4		
E202	F-4	IC101	H-2		
		IC102	H-4		
FS2	J-1	IC201	F-2		
FS3	J-2	IC202	G-4		
FS4	J-2	IC301	E-2		
FS5	J-3	IC302	E-4		
FS6	J-4	*IC501	H-1		
FS7	J-4	*IC502	G-1		
FS101	H-2	*IC503	F-1		
FS102	H-2	*IC701	D-2		
FS103	H-3	IC702	D-1		
FS104	H-4	IC703	D-5		
FS105	H-4	IC704	D-4		
FS106	H-1	*IC705	D-3		
FS201	F-1	IC706	D-3		
FS202	G-2	IC707	D-4		
FS203	F-2	IC708	D-3		
FS204	F-3				
FS205	G-4	*Q1	J-1		
FS206	F-4	*Q2	J-2		
FS301	E-2	*Q3	J-2		
FS302	E-2	*Q102	H-2		
FS303	E-3	*Q103	H-2		
FS304	F-5	*Q201	F-1		
FS305	E-4	*Q202	F-2		
FS501	E-1	*Q203	F-2		
FS503	F-1	*Q302	E-2		
FS504	F-1	*Q303	E-2		
FS505	G-1	*Q501	H-1		
FS506	H-1	*Q609	B-2		
FS507	H-1	*Q610	B-2		
FS508	H-1	Q611	B-2		
FS509	H-1	*Q612	B-2		
FS510	J-1	*Q613	B-1		
FS511	J-1	*Q614	B-1		
FS601	B-2	*Q615	B-2		
FS602	B-2	*Q616	B-2		
FS610 P	A-3	*Q617	B-2		
FS614	B-1				
FS615	A-5	RV1	J-2		
FS616	B-5	RV2	J-3		
FS617	C-5	RV101	H-2		
FS618	C-5	RV102	H-3		
FS619	B-5	RV201	F-2		
FS620	B-5	RV202	G-3		
FS701	D-2	RV301	E-2		
FS702	D-3	RV302	F-3		
FS703	D-4				
FS704	D-4	S1	J-3		
FS705	C-4	S101	H-3		
FS706	D-4	S201	F-3		
FS707	D-5	S301	E-3		
FS708	C-5				
FS709	C-5	TP1	J-1		
FS710	C-5	TP2	J-1		
FS711	C-5	TP3	J-3		
FS712	D-5	TP4	J-4		
FS713	E-5	TP103	H-3		
FS714	F-5	TP104	H-4		
FS715	G-5	TP201	G-1		

\* : B SIDE

P : UVW-1400P ONLY

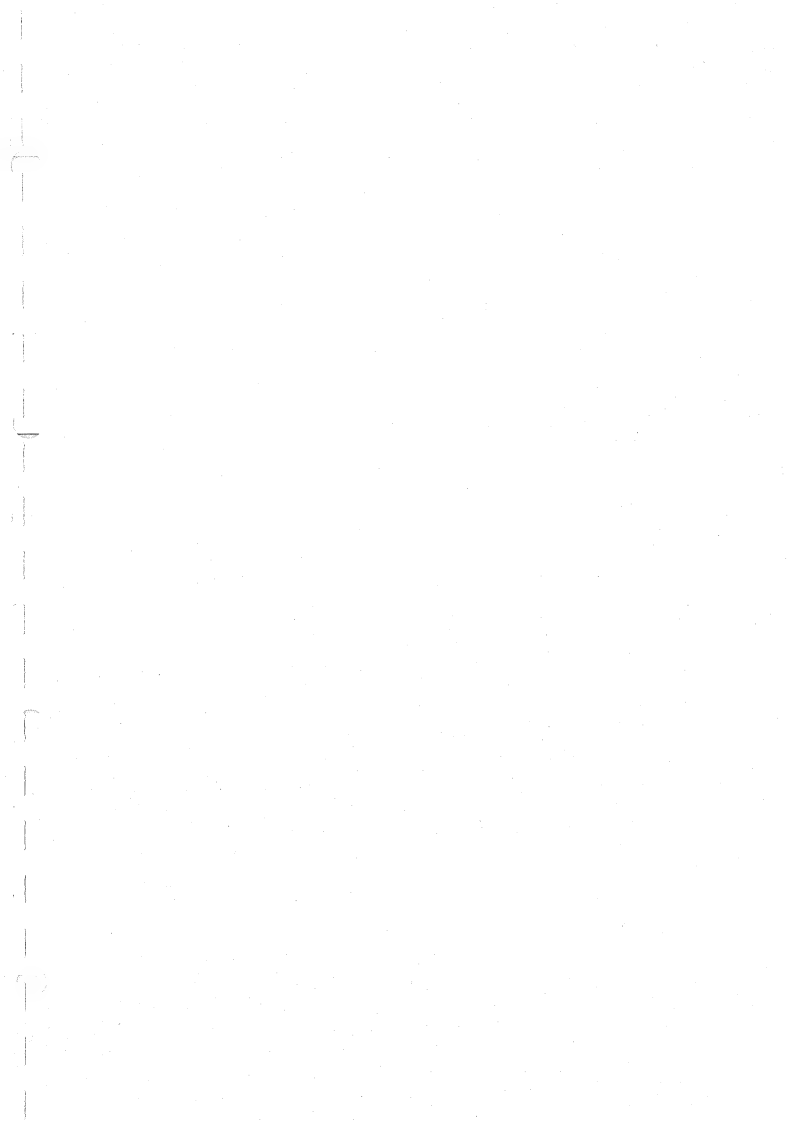
RP-70B/70BP(1/2);Y RF REC/PB





RP-70B/70BP BOARD ( 1 / 2 )

BOARD NO.1-648-904-31  
UVW-1400 (J) : 10001-  
UVW-1400 (UC) : 10001-  
UVW-1400P (EK) : 10001-





RP-70B/70BP(1-648-904-31)

CN1	J-4	FS716	J-5	TP202	F-1
CN101	H-4	FS717	D-1	TP203	F-3
CN110	E-5	FS718	D-1	TP204	F-4
CN201	F-4	FS719	D-1	TP303	E-3
CN301	E-4	FS720	H-5	TP304	E-4
		FS721	G-5		
*D701	D-2	FS722	G-5		
*D702	D-5	FS723	D-1		
*D703	D-3	FS724	E-1		
*D704	D-4	FS725	H-5		
		FS726	H-5		
E1	J-1				
E2	J-4	IC1	J-2		
E201	F-1	IC2	J-4		
E202	F-4	IC101	H-2		
		IC102	H-4		
FS2	J-1	IC201	F-2		
FS3	J-2	IC202	G-4		
FS4	J-2	IC301	E-2		
FS5	J-3	IC302	E-4		
FS6	J-4	*IC501	H-1		
FS7	J-4	*IC502	G-1		
FS101	H-2	*IC503	F-1		
FS102	H-2	*IC701	D-2		
FS103	H-3	IC702	D-1		
FS104	H-4	IC703	D-5		
FS105	H-4	IC704	D-4		
FS106	H-1	*IC705	D-3		
FS201	F-1	IC706	D-3		
FS202	G-2	IC707	D-4		
FS203	F-2	IC708	D-3		
FS204	F-3				
FS205	G-4	*Q1	J-1		
FS206	F-4	*Q2	J-2		
FS301	E-2	*Q3	J-2		
FS302	E-2	*Q102	H-2		
FS303	E-3	*Q103	H-2		
FS304	F-5	*Q201	F-1		
FS305	E-4	*Q202	F-2		
FS501	E-1	*Q203	F-2		
FS503	F-1	*Q302	E-2		
FS504	F-1	*Q303	E-2		
FS505	G-1	*Q501	H-1		
FS506	H-1	*Q609	B-2		
FS507	H-1	*Q610	B-2		
FS508	H-1	Q611	B-2		
FS509	H-1	*Q612	B-2		
FS510	J-1	*Q613	B-1		
FS511	J-1	*Q614	B-1		
FS601	B-2	*Q615	B-2		
FS602	B-2	*Q616	B-2		
FS610 P	A-3	*Q617	B-2		
FS614	B-1				
FS615	A-5	RV1	J-2		
FS616	B-5	RV2	J-3		
FS617	C-5	RV101	H-2		
FS618	C-5	RV102	H-3		
FS619	B-5	RV201	F-2		
FS620	B-5	RV202	G-3		
FS701	D-2	RV301	E-2		
FS702	D-3	RV302	F-3		
FS703	D-4				
FS704	D-4	SI	J-3		
FS705	C-4	S101	H-3		
FS706	D-4	S201	F-3		
FS707	D-5	S301	E-3		
FS708	C-5				
FS709	C-5	TP1	J-1		
FS710	C-5	TP2	J-1		
FS711	C-5	TP3	J-3		
FS712	D-5	TP4	J-4		
FS713	E-5	TP103	H-3		
FS714	F-5	TP104	H-4		
FS715	G-5	TP201	G-1		

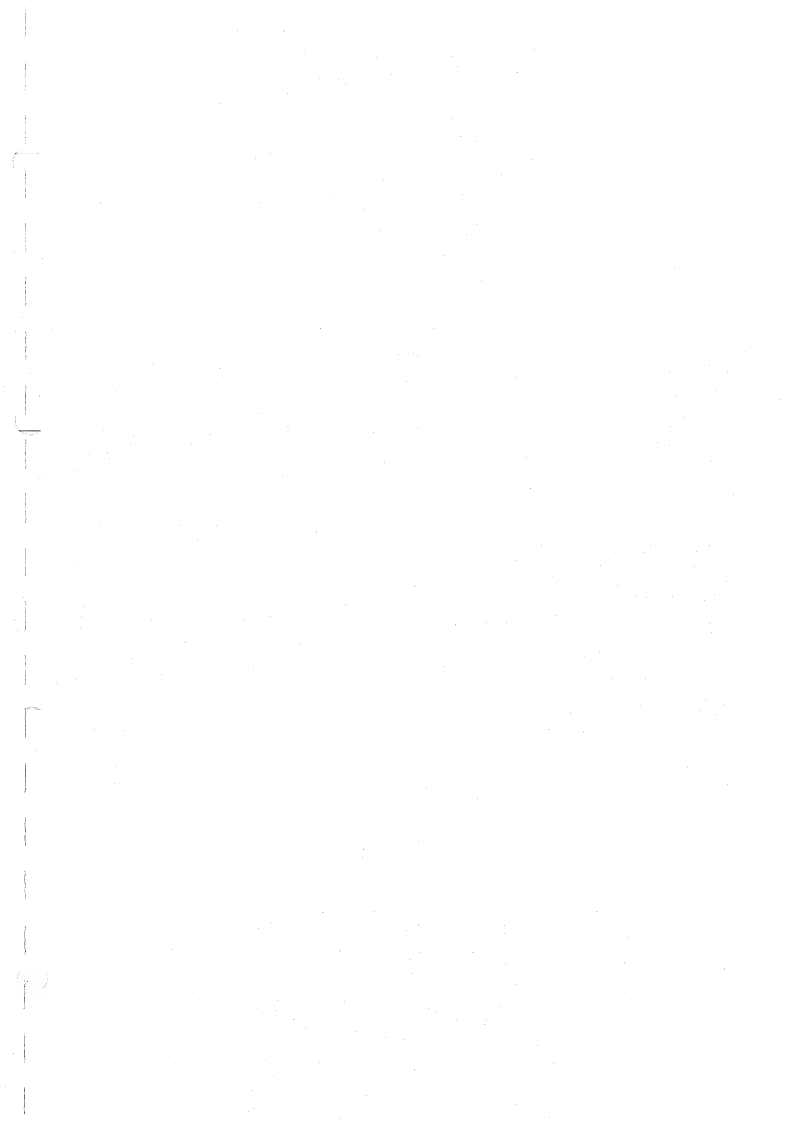
\* : B SIDE

P : UVW-1400P ONLY

UVW-1400  
UVW-1400P





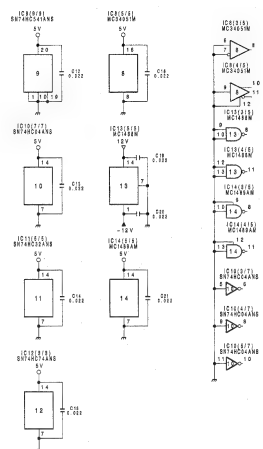
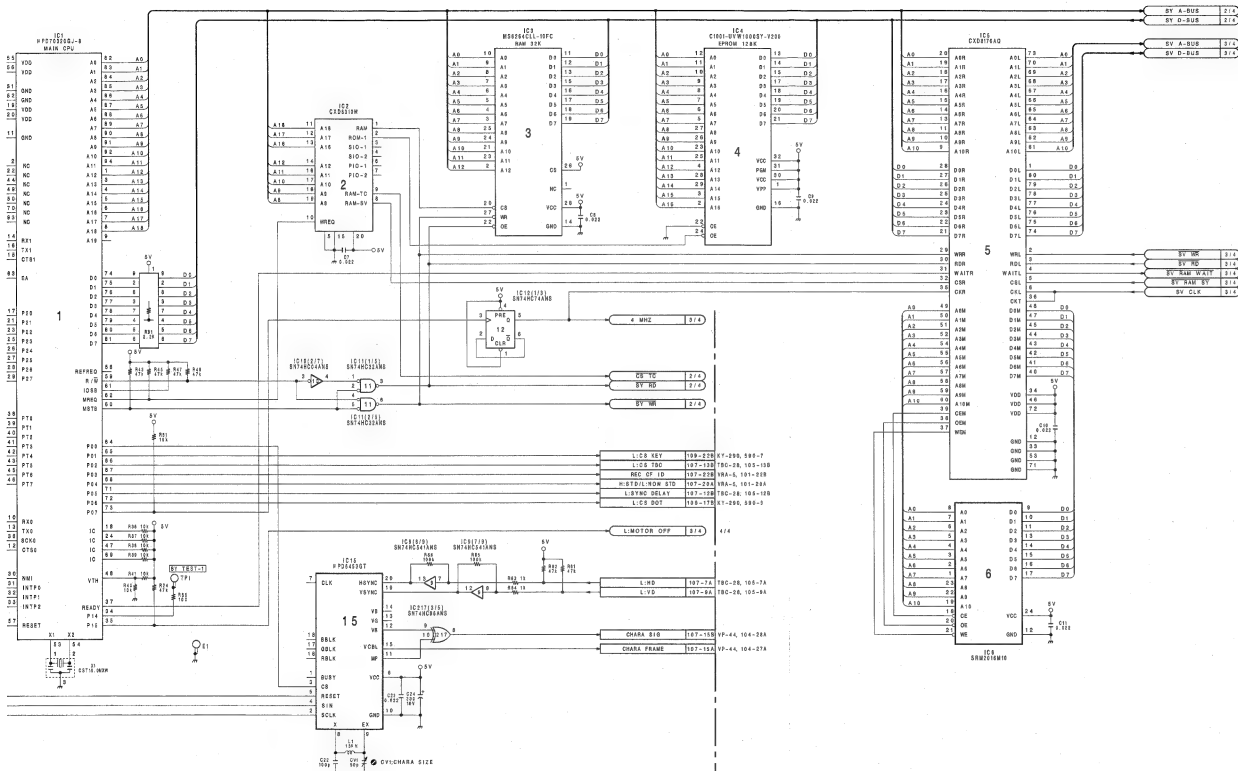


## SS-53A(1-648-903-11)

CN14	K-3	IC222	J-3
CNI212	C-2	IC223	J-4
		IC224	J-3
CN1	E-1	IC225	J-3
CN2	F-1	IC226	C-4
CN3	P-1	IC227	A-2
CN107	N-6	IC228	F-2
CN108	K-6	IC229	L-3
CN109	C-6	IC230	H-3
		IC231	L-3
CV1	N-1	IC232	L-4
		IC233	M-3
*D100	A-5		
*D101	A-5	PS1	L-5
*D102	A-5	PS2	M-5
*D103	A-5		
*D104	A-5	*Q105	B-5
*D105	B-4	*Q106	B-5
*D200	E-3	*Q107	B-4
*D201	E-3	*Q108	B-5
*D202	E-3	*Q204	D-5
*D203	E-3	*Q205	D-5
*D204	E-3	*Q206	D-5
*D205	E-2	*Q207	D-5
*D206	F-3	*Q208	D-5
*D207	F-3	*Q209	D-5
*D208	E-3	*Q210	J-3
*D210	G-4	*Q211	J-3
*D211	E-2		
*D213	E-3	*RB1	P-3
*D214	J-8	*RB2	R-2
*D215	J-5	*RB201	E-1
		*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4		
E201	D-1	S1	R-4
E202	J-1	S201	B-1
IC1	P-3	TP1	R-2
IC2	N-3	TP100	A-4
IC3	N-3	TP103	B-4
IC4	K-3	TP201	A-2
IC5	L-1	TP202	A-2
IC6	M-2	TP203	D-1
IC7	R-1	TP205	H-3
IC9	P-5	TP206	G-3
IC10	R-2	TP207	F-4
IC11	P-2	TP211	G-2
IC12	N-2	TP216	H-2
IC13	R-4	TP217	G-3
IC14	R-4	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		

\*: B SIDE





REF NO	CHANGED INFORMATION	SERIAL NO
D1E 10	1 000-4 W W	UW-1000(0) P1000-1
		UW-1000(0) P1000-2
		UW-1000(0) P1000-3
		UW-1000(0) P1000-4
		UW-1000(0) P1000-5
		UW-1000(0) P1000-6
		UW-1000(0) P1000-7
		UW-1000(0) P1000-8
		UW-1000(0) P1000-9
		UW-1000(0) P1000-10

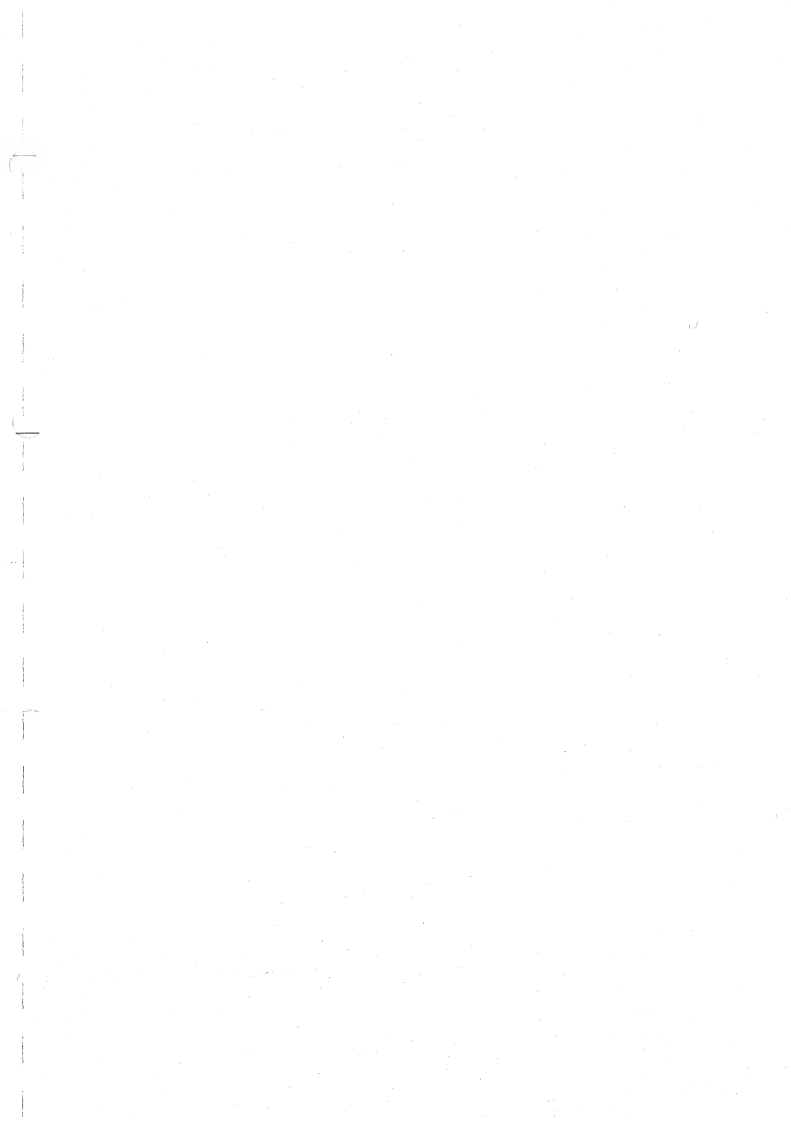
SS-53A BOARD (1/4)

BOARD NO. 1-848-903-11

UW-1400/1200 (U) : #10001-

UW-1400/1200 (OD) : #10001-

UW-1400P/1200P (EK) : #10001-



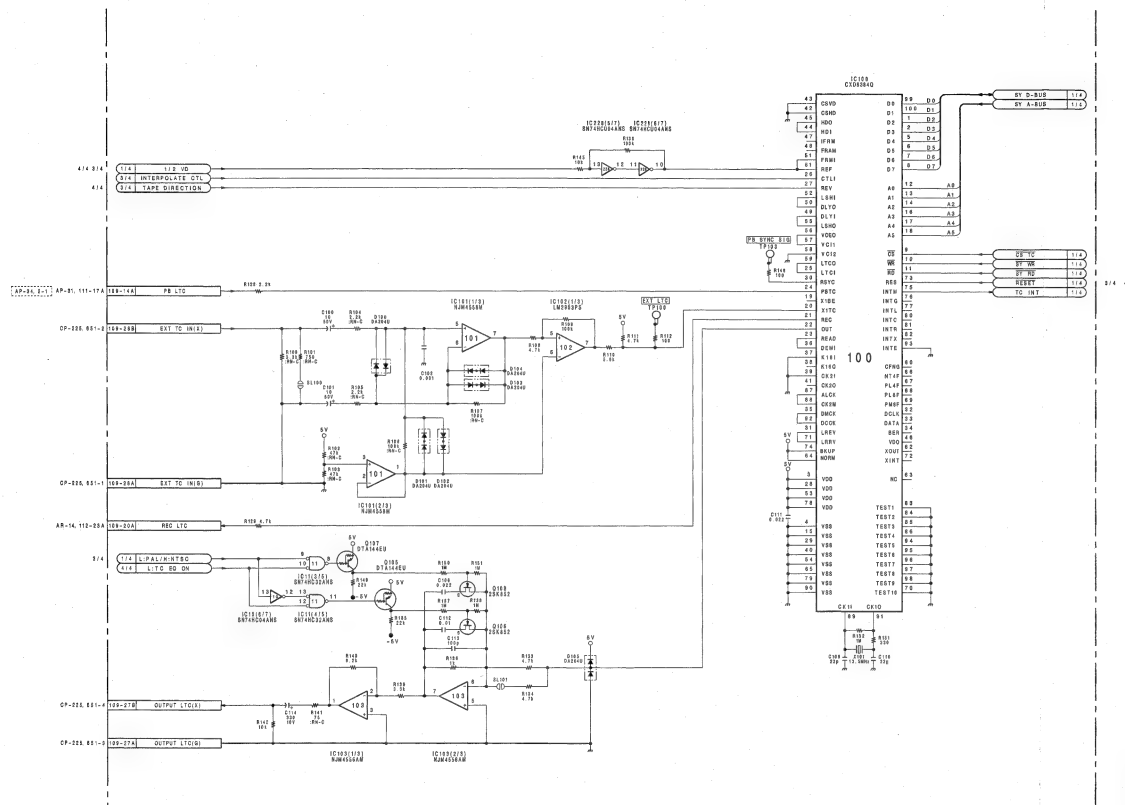


## SS-53A(1-648-903-11)

CNI4	K-3	IC222	J-3
CNI212	C-2	IC223	J-4
		IC224	J-3
CN1	E-1	IC225	J-3
CN2	F-1	IC226	C-4
CN3	P-1	IC227	A-2
CNI07	N-6	IC228	F-2
CNI08	K-6	IC229	L-3
CNI09	C-6	IC230	H-3
		IC231	L-3
CV1	N-1	IC232	L-4
		IC233	M-3
*D100	A-5		
*D101	A-5	PS1	L-5
*D102	A-5	PS2	M-5
*D103	A-5		
*D104	A-5	*Q105	B-5
*D105	B-4	*Q106	B-5
*D200	E-3	*Q107	B-4
*D201	E-3	*Q108	B-5
*D202	E-3	*Q204	D-5
*D203	E-3	*Q205	D-5
*D204	E-3	*Q206	D-5
*D205	E-2	*Q207	D-5
*D206	F-3	*Q208	D-5
*D207	F-3	*Q209	D-5
*D208	E-3	*Q210	J-3
*D210	G-4	*Q211	J-3
*D211	E-2		
*D213	E-3	*RB1	P-3
*D214	J-6	*RB2	R-2
*D215	J-5	*RB201	E-1
		*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4		
E201	D-1	S1	R-4
E202	J-1	S201	B-1
IC1	P-3	TP1	R-2
IC2	N-3	TP100	A-4
IC3	N-3	TP103	B-4
IC4	K-3	TP201	A-2
IC5	L-1	TP202	A-2
IC6	M-2	TP203	D-1
IC7	R-1	TP205	H-3
IC9	P-5	TP206	G-3
IC10	R-2	TP207	F-4
IC11	P-2	TP211	G-2
IC12	N-2	TP216	H-2
IC13	R-4	TP217	G-3
IC14	R-4	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		

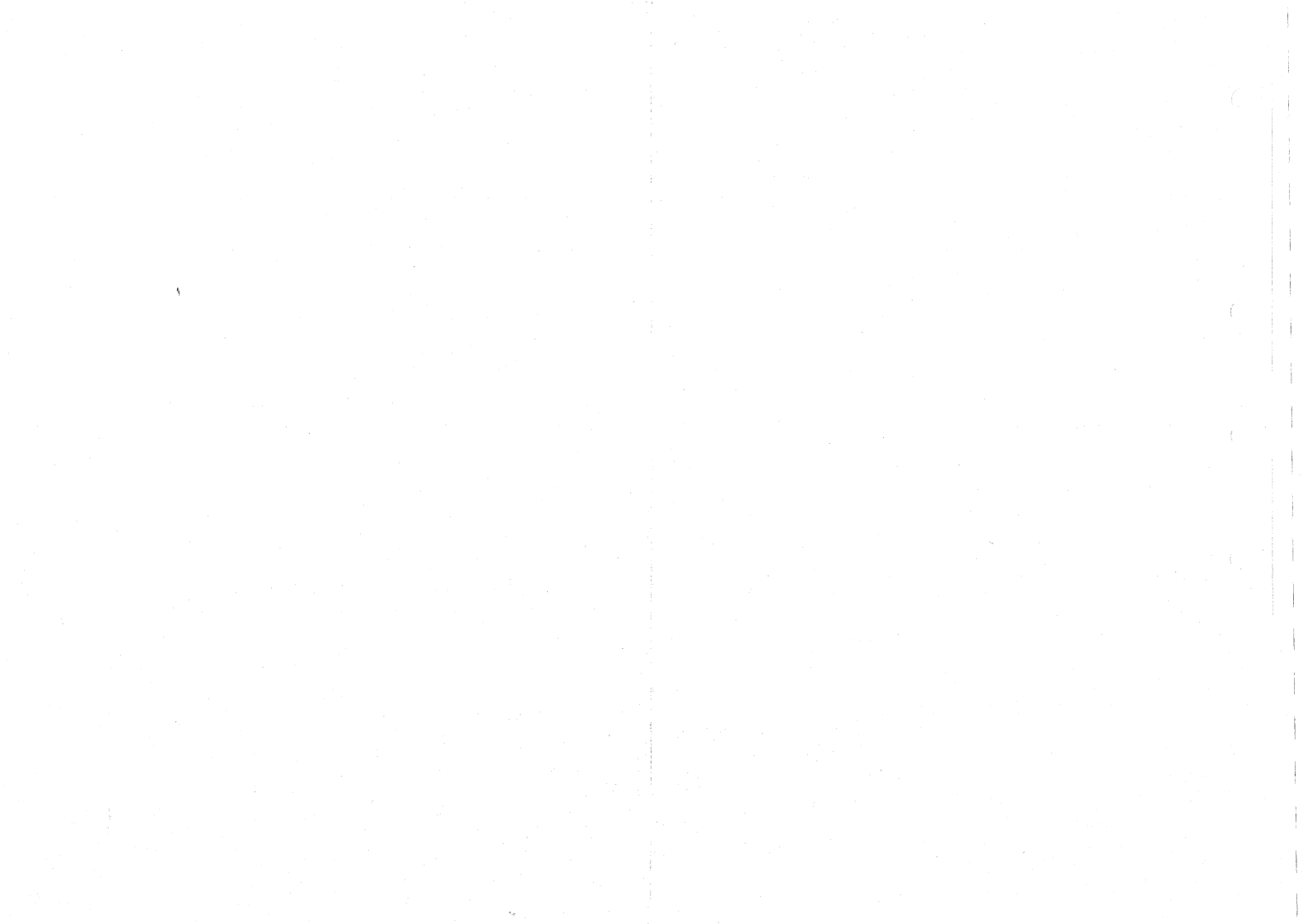
\* : B SIDE

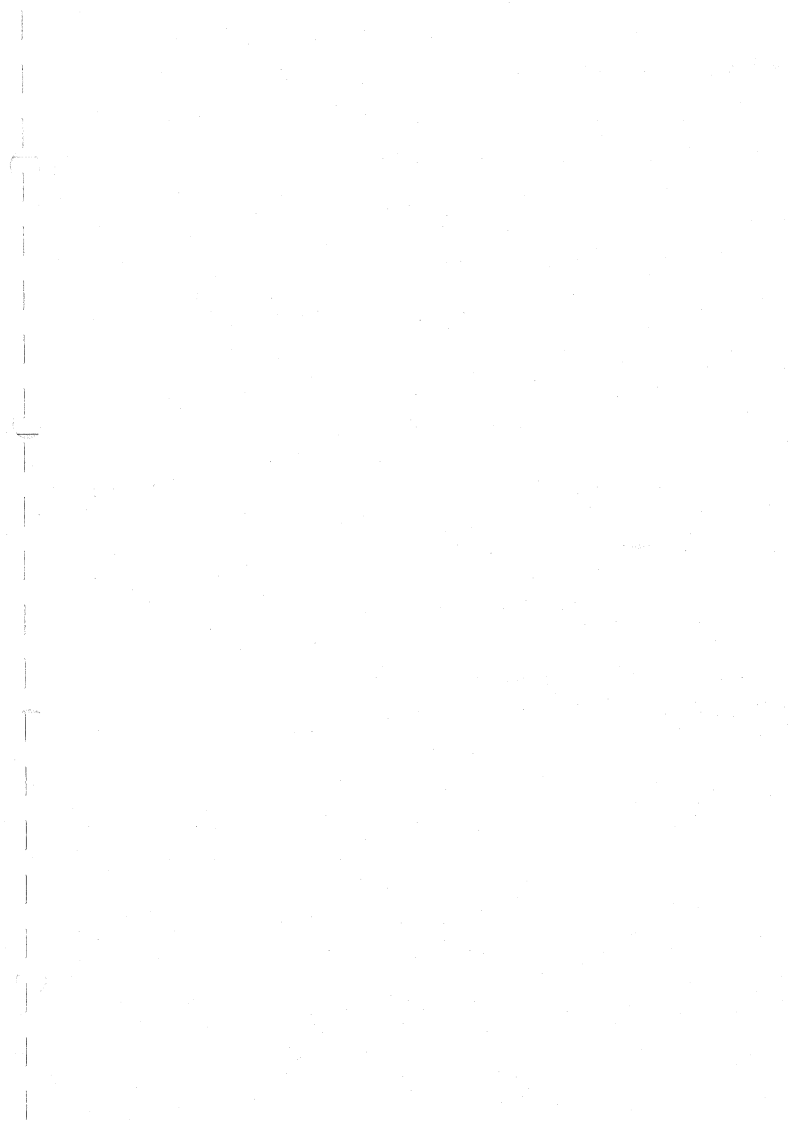
## SS-53A(2/4); TC GENERATOR/READER

UVW-1400/1200  
UVW-1400P/1200P

16-77

16-77



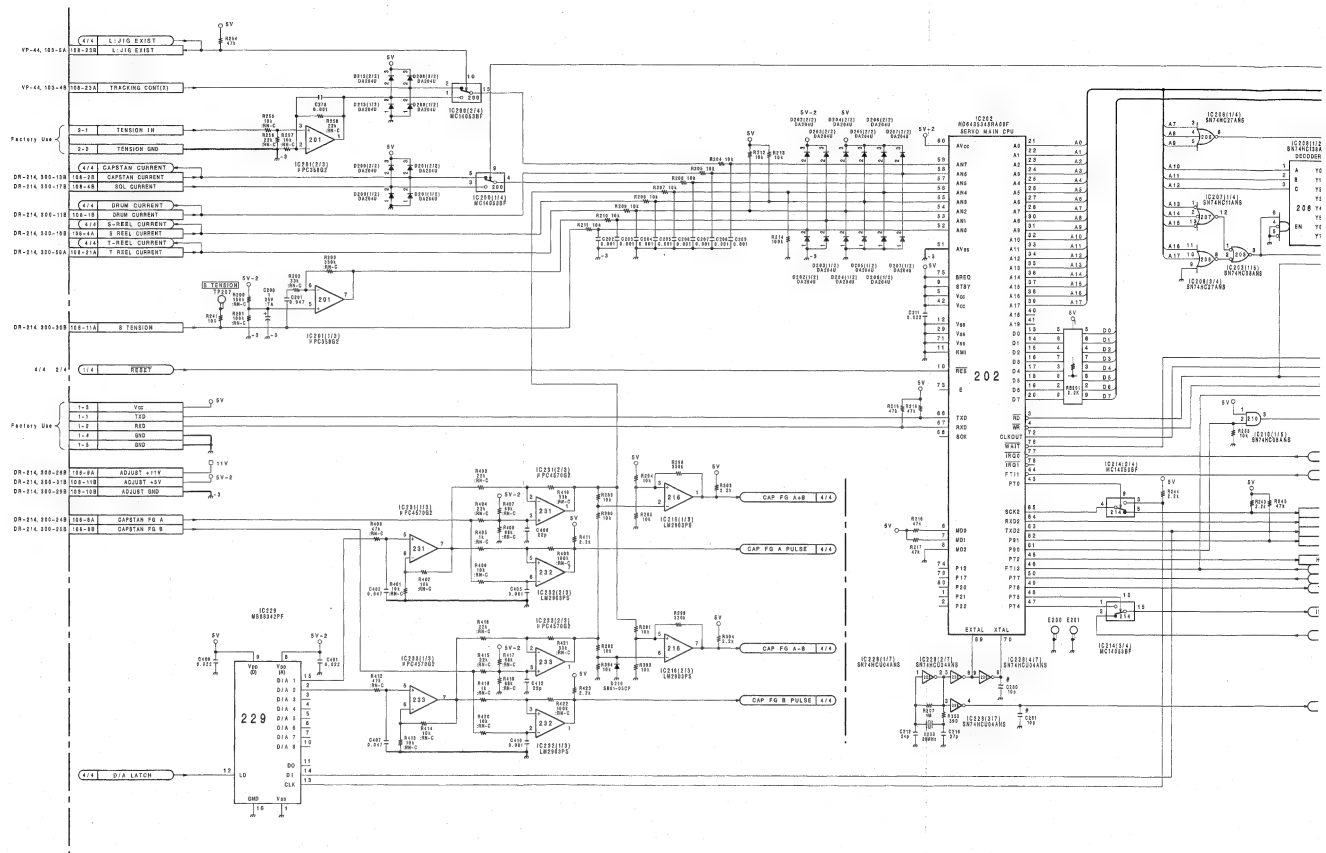


SS-53A(1-648-903-11)

CN14	K-3	IC222	J-3
CN1212	C-2	IC223	J-4
		IC224	J-3
CN1	E-1	IC225	J-3
CN2	F-1	IC226	C-4
CN3	P-1	IC227	A-2
CN107	N-6	IC228	F-2
CN108	K-6	IC229	L-3
CN109	C-6	IC230	H-3
		IC231	L-3
CV1	N-1	IC232	L-4
		IC233	M-3
*D100	A-5		
*D101	A-5	PS1	L-5
*D102	A-5	PS2	M-5
*D103	A-5		
*D104	A-5	*Q105	B-5
*D105	B-4	*Q106	B-5
*D200	E-3	*Q107	B-4
*D201	E-3	*Q108	B-5
*D202	E-3	*Q204	D-5
*D203	E-3	*Q205	D-5
*D204	E-3	*Q206	D-5
*D205	E-2	*Q207	D-5
*D206	F-3	*Q208	D-5
*D207	F-3	*Q209	D-5
*D208	E-3	*Q210	J-3
*D210	G-4	*Q211	J-3
*D211	E-2		
*D213	E-3	*RB1	P-3
*D214	J-6	*RB2	R-2
*D215	J-5	*RB201	E-1
		*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4		
E201	D-1	S1	R-4
E202	J-1	S201	B-1
IC1	P-3	TP1	R-2
IC2	N-3	TP100	A-4
IC3	N-3	TP103	B-4
IC4	K-3	TP201	A-2
IC5	L-1	TP202	A-2
IC6	M-2	TP203	D-1
IC7	R-1	TP205	H-3
IC9	P-5	TP206	G-3
IC10	R-2	TP207	F-4
IC11	P-2	TP211	G-2
IC12	N-2	TP216	H-2
IC13	R-4	TP217	G-3
IC14	R-4	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		

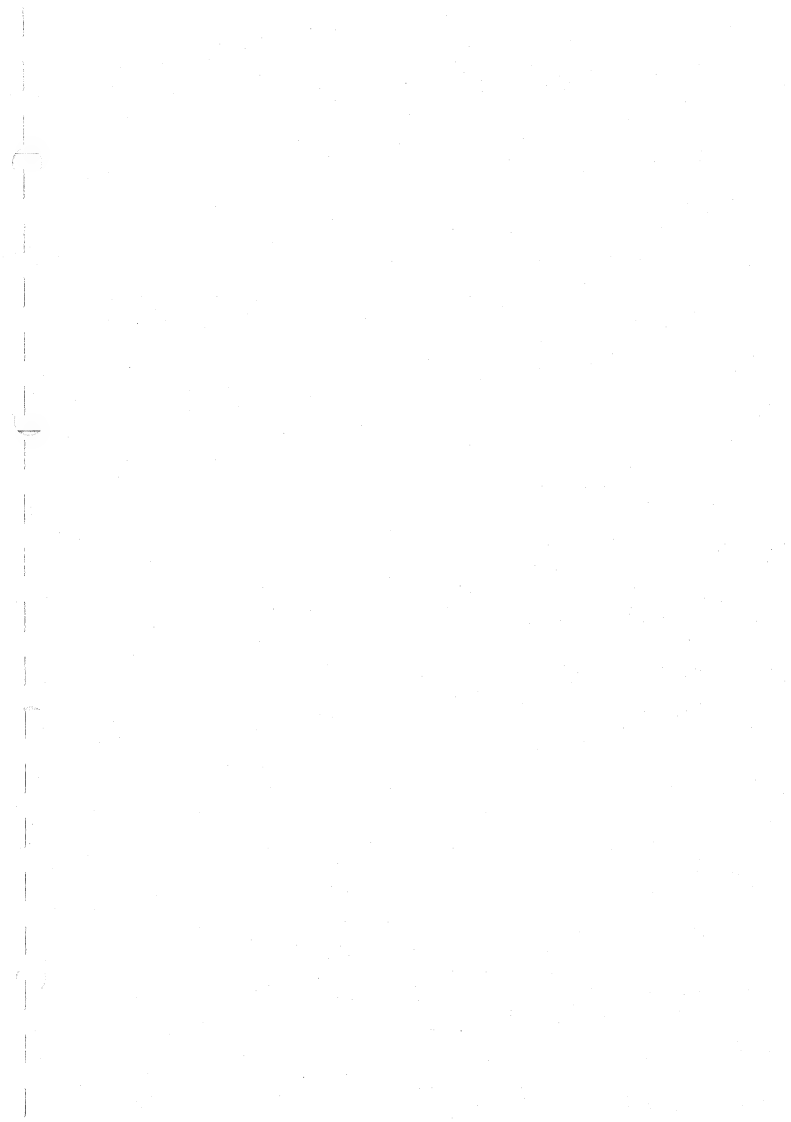
\* : B SIDE

UVW-1400/1200  
UVW-1400P/1200P



3







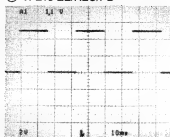
SS-53A (1-648-903-11)

CN14	K-3	IC223	J-4
CN1212	C-2	IC224	J-3
		IC225	J-3
CN1	E-1	IC226	C-4
CN2	F-1	IC227	A-2
CN3	P-1	IC228	F-2
CN107	N-6	IC229	L-3
CN108	K-6	IC230	H-3
CN109	C-6	IC231	L-3
		IC232	L-4
CV1	N-1	IC233	M-3
*D100	A-5	PS1	L-5
*D101	A-5	PS2	M-5
*D102	A-5		
*D103	A-5	*Q105	B-5
*D104	A-5	*Q106	B-5
*D105	B-4	*Q107	B-4
*D200	E-3	*Q108	B-5
*D201	E-3	*Q204	D-5
*D202	E-3	*Q205	D-5
*D203	E-3	*Q206	D-5
*D204	E-3	*Q207	D-5
*D205	E-2	*Q208	D-5
*D206	F-3	*Q209	D-5
*D207	F-3	*Q210	J-3
*D208	E-3	*Q211	J-3
*D210	G-4		
*D211	E-2	*RB1	P-3
*D213	E-3	*RB2	P-2
*D214	J-6	*RB201	E-1
*D215	J-5	*RB202	B-1
		*RB203	K-4
E1	N-1		
E200	E-4	S1	R-4
E201	D-1	S201	B-1
E202	J-1		
		TP1	R-2
IC1	P-3	TP100	A-4
IC2	N-3	TP103	B-4
IC3	N-3	TP201	A-2
IC4	K-3	TP202	A-2
IC5	L-1	TP203	D-1
IC6	M-2	TP205	H-3
IC7	R-1	TP206	G-3
IC8	R-5	TP207	F-4
IC9	P-5	TP211	G-2
IC10	R-2	TP216	H-2
IC11	P-2	TP217	G-3
IC12	N-2	TP219	D-1
IC15	N-2	TP223	H-2
IC100	A-3	TP224	J-2
IC101	A-5	TP225	C-1
IC102	A-5		
IC103	B-5	X1	R-2
IC200	E-3	X101	A-3
IC201	F-4	X200	G-1
IC202	E-2		
IC203	E-3		
IC204	D-4		
IC206	E-3		
IC207	D-3		
IC208	D-3		
IC209	D-3		
IC210	D-3		
IC211	B-2		
IC212	C-2		
IC213	C-3		
IC214	E-3		
IC215	G-3		
IC216	G-3		
IC217	G-3		
IC219	H-1		
IC220	J-3		
IC221	J-4		
IC222	J-3		

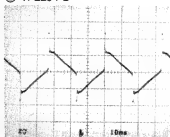
\*: B SIDE

For J,UC

① TP219 EE/REC/PB



② TP225 PB

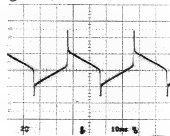


For EK

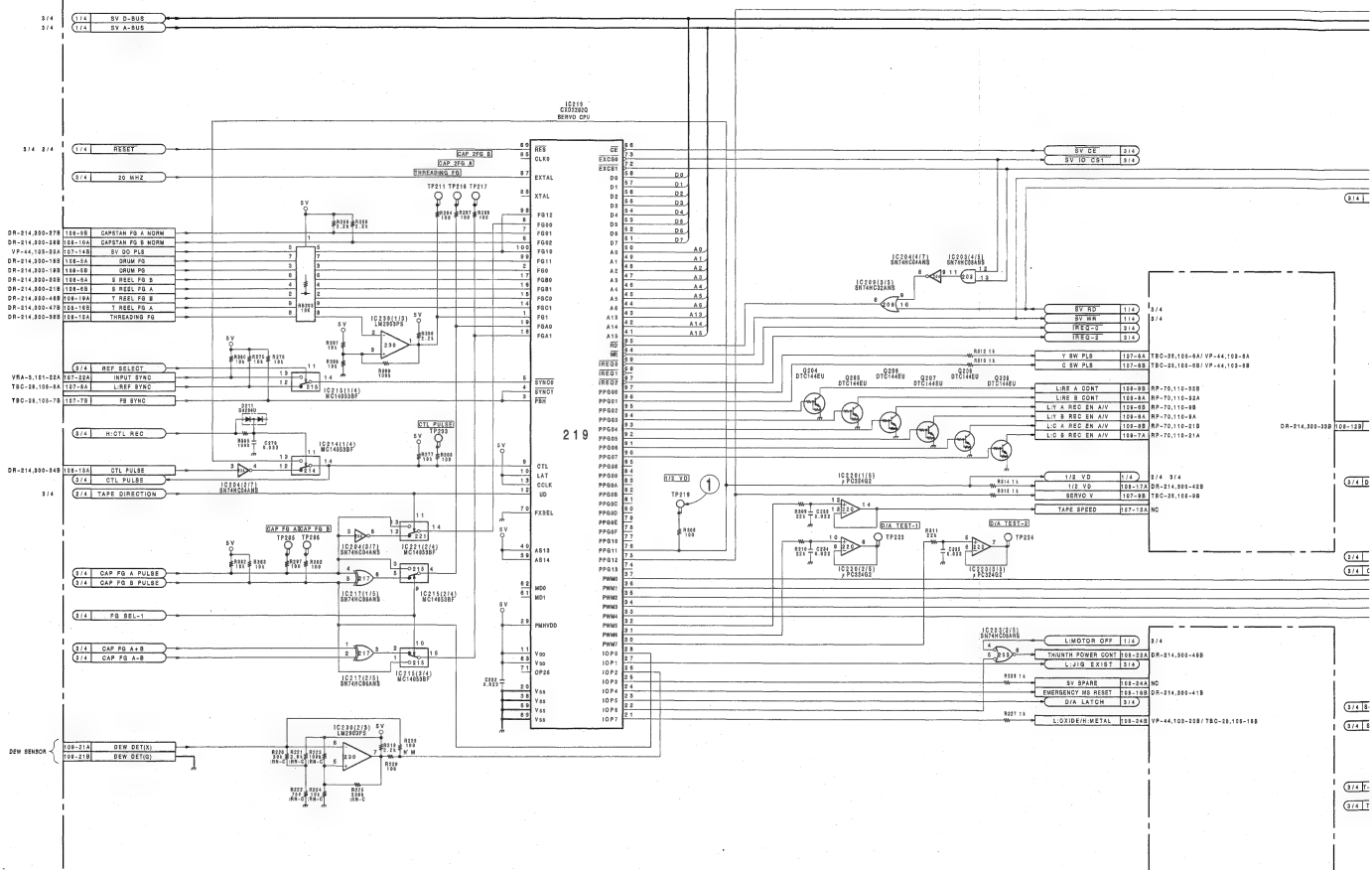
① TP219 EE/REC/PB



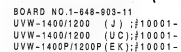
② TP225 PB



SS-53A(4/4);SERVO



UVW-1400/1200  
UVW-1400P/1200P



TBC-28/28P (1-648-902-11,12,13)

CN1	E-1	IC405	R-4	●Q200	R-3	TP500	E-1
CN2	C-6	IC406	M-5	●Q201	R-3	TP501	E-1
CN105	N-6	IC407	N-4	●Q202	P-3	TP502	D-1
CN106	C-6	IC408	M-4	●Q203	P-3	TP503	N-1
CV700	C-4	IC409	N-5	●Q300	P-1	TP700	A-5
CV701	B-3	IC501	L-2	●Q301	P-1	TP701	B-1
CV702	A-3	IC502	L-4	●Q302	P-1	TP702	C-4
		IC503	J-2	●Q303	P-1	TP703	D-4
		IC504	J-4	●Q304	N-2	TP704	C-1
		IC505	H-2	●Q305	N-2	TP705	A-3
●D1	M-2	IC506	H-3	●Q306	R-2	TP706	C-3
●D2	M-3	IC507	G-6	●Q400	P-5	TP707	N-3
●D100	M-3	IC508	H-4	●Q401	P-5	△TP708	N-1
●D101	N-3	IC509	G-3	●Q402	R-5		
●D102	R-3	IC510	F-6	●Q403	P-5	X700	D-4
●D301	N-2	IC511	H-1	●Q404	M-4	X701	B-2
●D302	R-2	IC512	F-3	●Q405	R-4	X702	A-2
●D303	R-2	IC513	F-4	●Q406	R-5		
●D304	R-2	IC514	H-1	●Q407	N-4		
●D305	P-2	IC515	F-1	●Q501	F-1		
●D401	P-4	IC516	F-3	●Q502	E-1		
●D402	N-4	IC519	E-2	●Q503	D-1		
●D403	M-4	IC520	D-2	●Q700	A-5		
●D404	M-4	IC522	G-2	●Q701	A-5		
●D502	K-2	IC523	F-4	●Q702	B-1		
●D503	K-2	IC524	E-3	●Q703	C-2		
●D505	G-1	IC525	E-3	●Q704	B-2		
●D506	M-5	IC526	D-3	●Q705	B-2		
●D700	C-4	IC527	D-3	●Q706	C-2		
●D703	B-2	IC528	H-3	●Q707	B-4		
●D704	A-2	IC529	N-5	●Q708	D-5		
●D705	C-2	IC530	N-2	●Q709	C-5		
●D706	A-1	IC531	N-2	●Q710	B-5		
△●D707	N-1	IC532	N-2	●Q711	B-5		
		IC533	N-1	●Q712	B-5		
E200	N-3	IC534	N-1	●Q713	B-4		
E300	M-1	IC535	N-1	●Q714	B-4		
E400	D-5	IC700	B-4	●Q715	B-4		
E500	D-1	IC701	B-1	●Q716	B-4		
E501	J-3	IC702	B-5	●Q717	B-2		
E700	B-1	IC703	A-5	●Q718	B-2		
E701	C-5	IC704	B-4	●Q719	N-2		
		IC705	C-4	●Q720	N-2		
FL500	F-2	IC706	A-5	●Q721	A-2		
FL501	E-1	IC707	C-3	●Q722	A-2		
FL502	D-1	IC708	C-4	○Q723	A-5		
		IC709	A-1				
IC1	M-2	IC710	D-2	RV100	R-3		
IC2	M-3	IC711	D-3	RV200	R-3		
IC3	L-1	IC712	C-4	RV300	M-1		
IC4	L-4	IC713	A-4	RV301	N-1		
IC5	E-6	IC714	F-5	RV400	P-1		
IC6	L-1	IC715	A-1	RV401	P-5		
IC7	L-5	IC716	B-5	RV500	F-1		
IC8	P-5	IC717	C-5	RV501	F-1		
IC100	P-3	IC718	D-5	RV502	D-1		
IC101	P-3	IC719	B-3	RV700	B-1		
IC102	M-3	IC720	P-2	RV701	A-1		
IC103	M-2	IC721	C-2	RV703	D-1		
IC200	P-3	IC722	E-6	RV705	N-1		
IC203	M-3	IC723	B-5	RV707	B-1		
IC300	P-1	IC724	B-6				
IC301	P-2	IC727	N-2	S500	J-1		
IC302	R-1	IC728	C-4				
IC303	M-1	IC729	D-4	TH400	R-5		
IC304	M-2	IC730	C-3				
IC305	N-2	IC732	A-3	TP100	R-3		
IC306	M-2			TP101	N-3		
IC307	R-2	LV300	R-2	TP200	R-3		
IC308	R-2	LV400	M-4	TP201	N-3		
IC309	R-2			TP300	R-1		
IC400	R-5	●Q100	R-3	TP301	P-2		
IC401	N-5	●Q101	R-3	TP303	P-2		
IC402	R-5	●Q102	P-3	TP400	M-5		
IC403	R-5	●Q103	P-3	TP401	N-4		
IC404	R-4	●Q104	R-3	TP402	N-4		

\* : B SIDE

N : UVW-1400/1200 ONLY

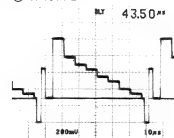
P : UVW-1400P/1200P ONLY

△ : 1-648-902-11 ONLY

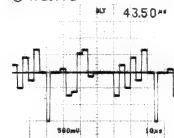
○ : 1-648-902-12,13 ONLY

For JUC

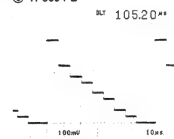
① TP101 PB



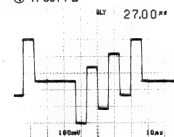
② TP201 PB



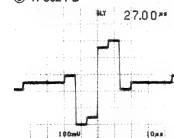
③ TP500 PB



④ TP501 PB

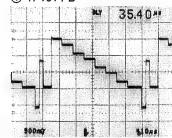


⑤ TP502 PB

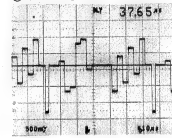


For EK

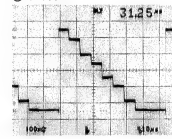
① TP101 PB



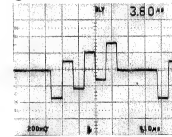
② TP201 PB



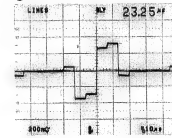
③ TP500 PB



④ TP501 PB



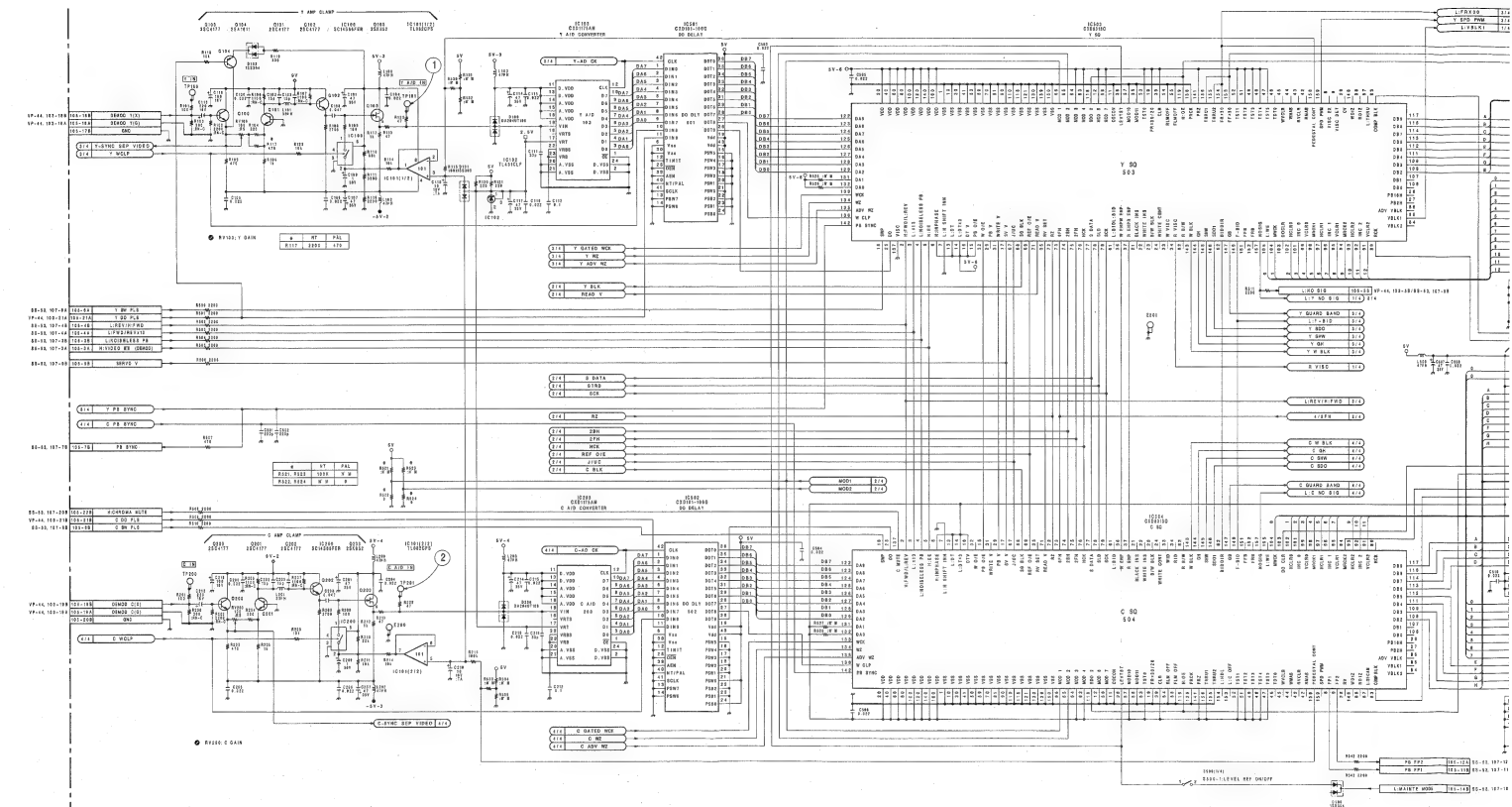
⑤ TP502 PB





UVW-1400(J) : Serial No. 10001 through 10420  
 UVW-1400(UC) : Serial No. 10001 through 11050  
 UVW-1400P(EK) : Serial No. 10001 through 11490  
 UVW-1200(J) : Serial No. 10001 through 10350  
 UVW-1200(UC) : Serial No. 10001 through 11050  
 UVW-1200P(EK) : Serial No. 10001 through 11720

TBC-28/28P(1/4); A/D, MEMORY, D/A SEQUENCER



UVW-1400/1200  
 UVW-1400P/1200P

16-89(a)

16-89(a)

A

B

C

D

E

F

G

H



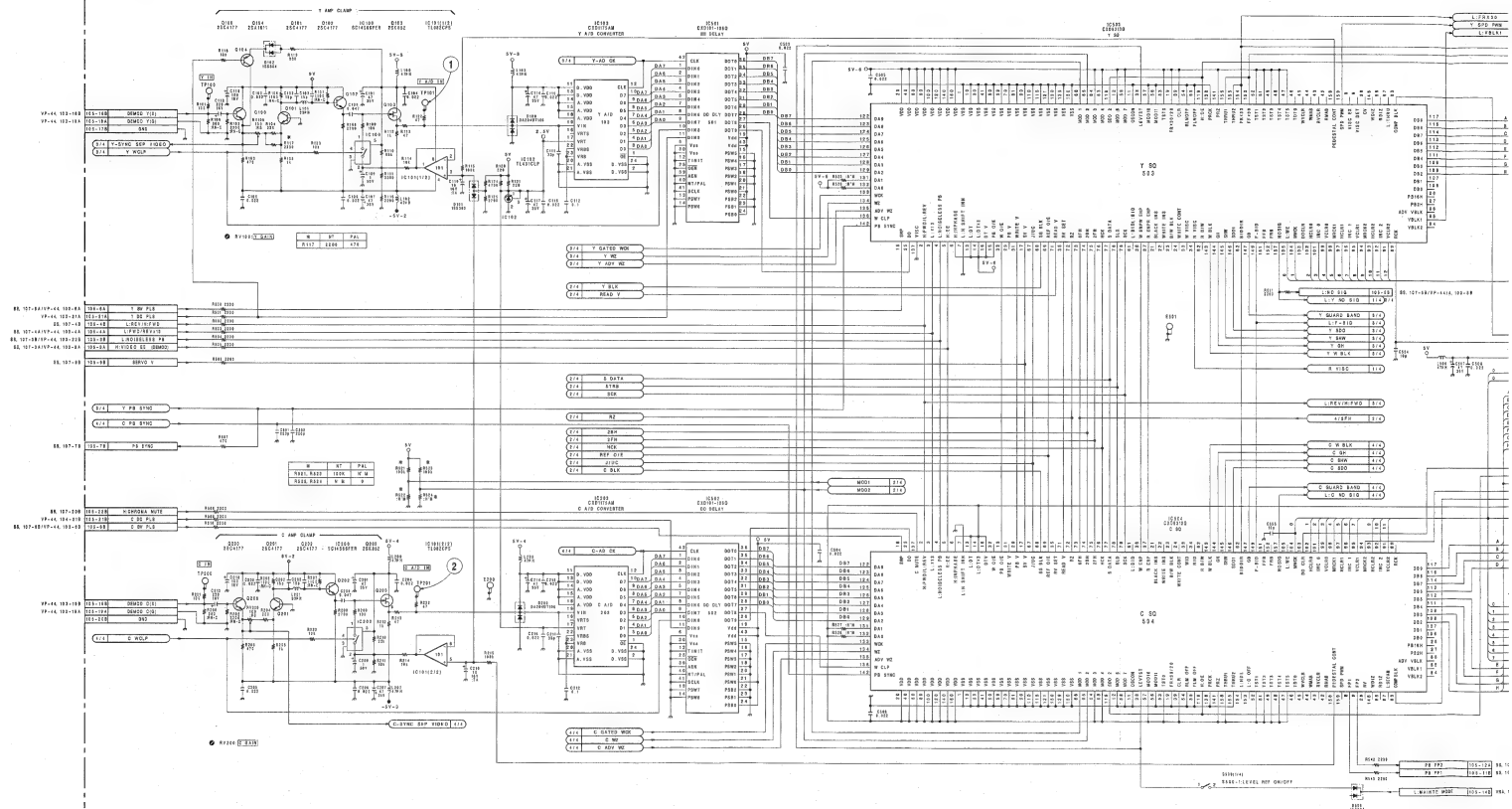
BOARD NO. 1-848-902-11  
UYW-1400 (J) : #10001-10420  
UYW-1400 (UC) : #10001-11050  
UYW-1400P (EK) : #10001-11490  
UYW-1200 (J) : #10001-10350  
UYW-1200 (UC) : #10001-11090  
UYW-1200P (EK) : #10001-11720

UVW-1400(J) : Serial No. 10421 and higher  
 UVW-1400(UC) : Serial No. 11051 and higher  
 UVW-1400P(EK) : Serial No. 11491 and higher  
 UVW-1200(J) : Serial No. 10351 and higher  
 UVW-1200(UC) : Serial No. 11091 and higher  
 UVW-1200P(EK) : Serial No. 11721 and higher

TBC-28/28P(1/4)

TBC-28/28P(1/4)

# TBC-28/28P(1/4);A/D, MEMORY, D/A SEQUENCER



UVW-1400/1200  
 UVW-1400P/1200P

16-89(b)

16-89(b)

A

B

C

D

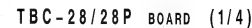
E

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G

H





BOARD NO. 1-648-802-12, 13  
UVW-1400 (J) : #10421-  
UVW-1400 (UC) : #11051-  
UVW-1400P (EK) : #11491-  
UVW-1200 (J) : #10351-  
UVW-1200 (UC) : #11091-  
UVW-1200P (EK) : #11721-

TBC-28/28P (1-648-902-11,12,13)

CN1	E-1	IC405	R-4	*Q200	R-3	TP500	E-1
CN2	C-6	IC406	M-5	*Q201	R-3	TP501	E-1
CN105	N-6	IC407	N-4	*Q202	P-3	TP502	D-1
CN106	C-6	IC408	M-4	*Q203	P-3	TP503	H-1
		IC409	N-5	*Q300	P-1	TP700	A-5
CV700	C-4	IC501	L-2	*Q301	P-1	TP701	B-1
CV701	B-3	IC502	L-4	*Q302	P-1	TP702	C-4
CV702	A-3	IC503	J-2	*Q303	P-1	TP703	D-4
		IC504	J-4	*Q304	N-2	TP704	C-1
*D1	M-2	IC505	H-2	*Q305	N-2	TP705	A-3
*D2	M-3	IC506	H-3	*Q306	R-2	TP706	C-3
*D100	M-3	IC507	G-6	*Q400	P-5	TP707	N B-3
*D101	N-3	IC508	H-4	*Q401	P-5	△ TP708	N A-1
*D102	R-3	IC509	G-3	*Q402	R-5		
*D200	M-3	IC510	F-6	*Q403	P-5	X700	D-4
*D301	N-2	IC511	H-1	*Q404	M-4	X701	B-2
*D302	R-2	IC512	F-3	*Q405	R-4	X702	A-2
*D303	R-2	IC513	F-4	*Q406	R-5		
*D304	R-2	IC514	H-1	*Q407	N-4		
*D305	P-2	IC515	F-1	*Q501	F-1		
*D401	P-4	IC516	F-3	*Q502	E-1		
*D402	N-4	IC519	E-2	*Q503	D-1		
*D403	M-4	IC520	D-2	*Q700	A-5		
*D404	M-4	IC522	G-2	*Q701	A-5		
*D502	K-2	IC523	F-4	*Q702	B-1		
*D503	K-2	IC524	E-3	*Q703	C-2		
*D505	G-1	IC525	E-3	*Q704	C-2		
*D506	M-5	IC526	D-3	*Q705	B-2		
*D700	C-4	IC527	D-3	*Q706	C-2		
*D703	B-2	IC528	H-3	*Q707	B-4		
*D704	A-2	IC529	N F-2	*Q708	D-5		
*D705	C-2	IC530	N G-2	*Q709	C-5		
*D706	A-1	IC531	N G-2	*Q710	B-5		
△ *D707	N A-1	IC532	N G-2	*Q711	B-5		
		IC533	N G-1	*Q712	B-5		
E200	N-3	IC534	N G-1	*Q713	B-4		
E300	M-1	IC535	N G-1	*Q714	B-4		
E400	R-5	IC700	B-4	*Q715	B-5		
E500	D-1	IC701	B-1	*Q716	B-4		
E501	J-3	IC702	B-5	*Q717	B-2		
E700	B-1	IC703	A-5	*Q718	B-2		
E701	C-5	IC704	B-4	*Q719	N B-2		
		IC705	C-4	*Q720	N A-2		
FL500	F-2	IC706	A-5	*Q721	A-2		
FL501	E-1	IC707	C-3	*Q722	A-2		
FL502	D-1	IC708	C-4	○ Q723	A-5		
		IC709	A-1				
IC1	M-2	IC710	D-2	RV100	R-3		
IC2	M-3	IC711	D-3	RV200	R-3		
IC3	L-1	IC712	C-4	RV300	M-1		
IC4	L-4	IC713	A-4	RV301	N-1		
IC5	E-6	IC714	F-5	RV400	P-1		
IC8	L-1	IC715	A-1	RV401	P-5		
IC7	L-5	IC716	B-5	RV500	F-1		
IC8	P B-5	○ IC717	C-5	RV501	F-1		
IC100	P-3	IC718	D-5	RV502	D-1		
IC101	P-3	IC719	B-3	RV700	B-1		
IC102	M-3	IC720	P C-2	RV701	A-1		
IC103	M-2	IC721	C-2	RV703	B-1		
IC200	P-3	IC722	E-5	RV706	C-1		
IC203	M-3	IC723	B-5	RV707	B-1		
IC300	P-1	○ IC724	B-6				
IC301	P-2	IC727	N D-2	S500	J-1		
IC302	R-1	IC728	C-4	TH400	R-5		
IC303	M-1	IC729	D-4				
IC304	M-2	IC730	C-3	TP100	R-3		
IC305	N-2	IC732	A-3	TP101	N-3		
IC306	M-2			TP200	R-3		
IC307	R-2	LV300	R-2	TP201	N-3		
IC308	R-2	LV400	M-4	TP300	R-1		
IC309	P R-2			TP301	P-2		
IC400	R-5	*Q100	R-3	TP303	P-2		
IC401	N-5	*Q101	R-3	TP400	M-5		
IC402	R-5	*Q102	P-3	TP401	N-4		
IC403	R-5	*Q103	P-3	TP402	N-4		
IC404	R-4	*Q104	R-3				

\* : B SIDE

N : UVW-1400/1200 ONLY

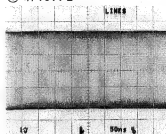
P : UVW-1400P/1200P ONLY

△ : 1-648-902-11 ONLY

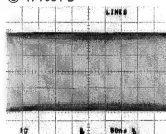
○ : 1-648-902-12,13 ONLY

For J,UC

① TP701 PB

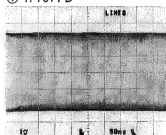


② TP703 PB

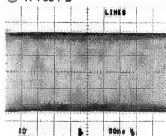


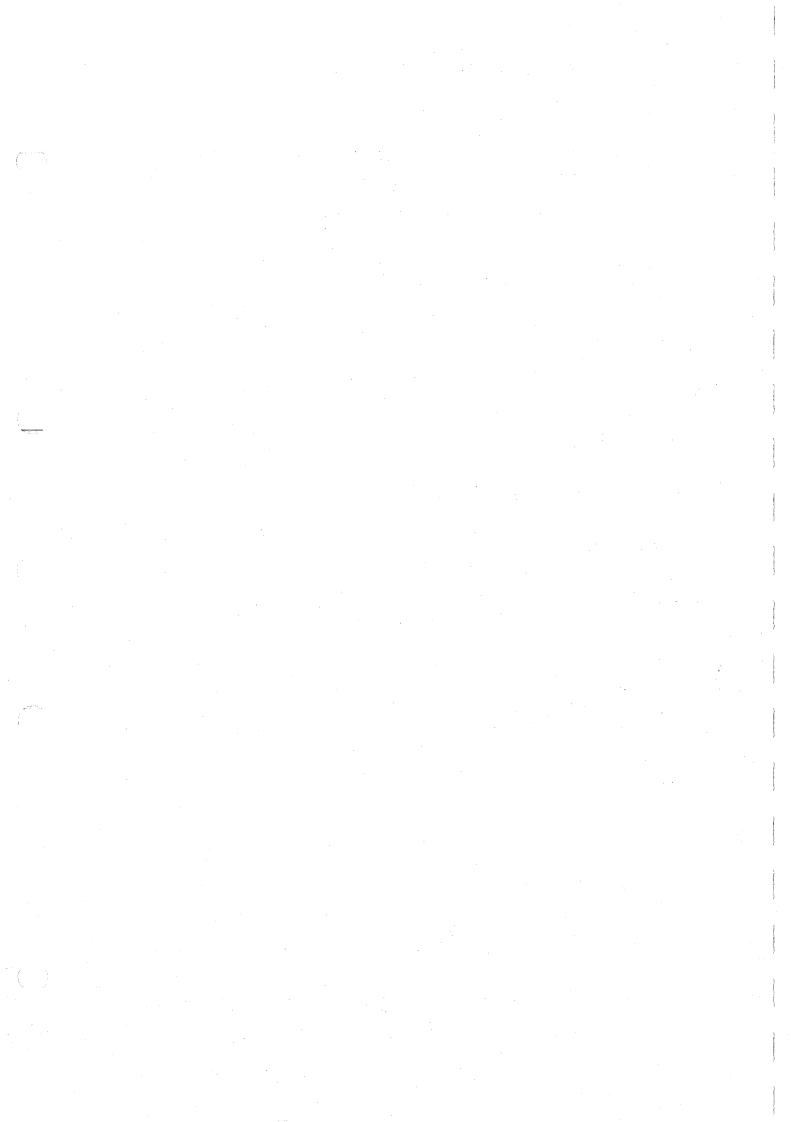
For EK

① TP701 PB



② TP703 PB





TBC-28/28P(2/4)

[illegible]

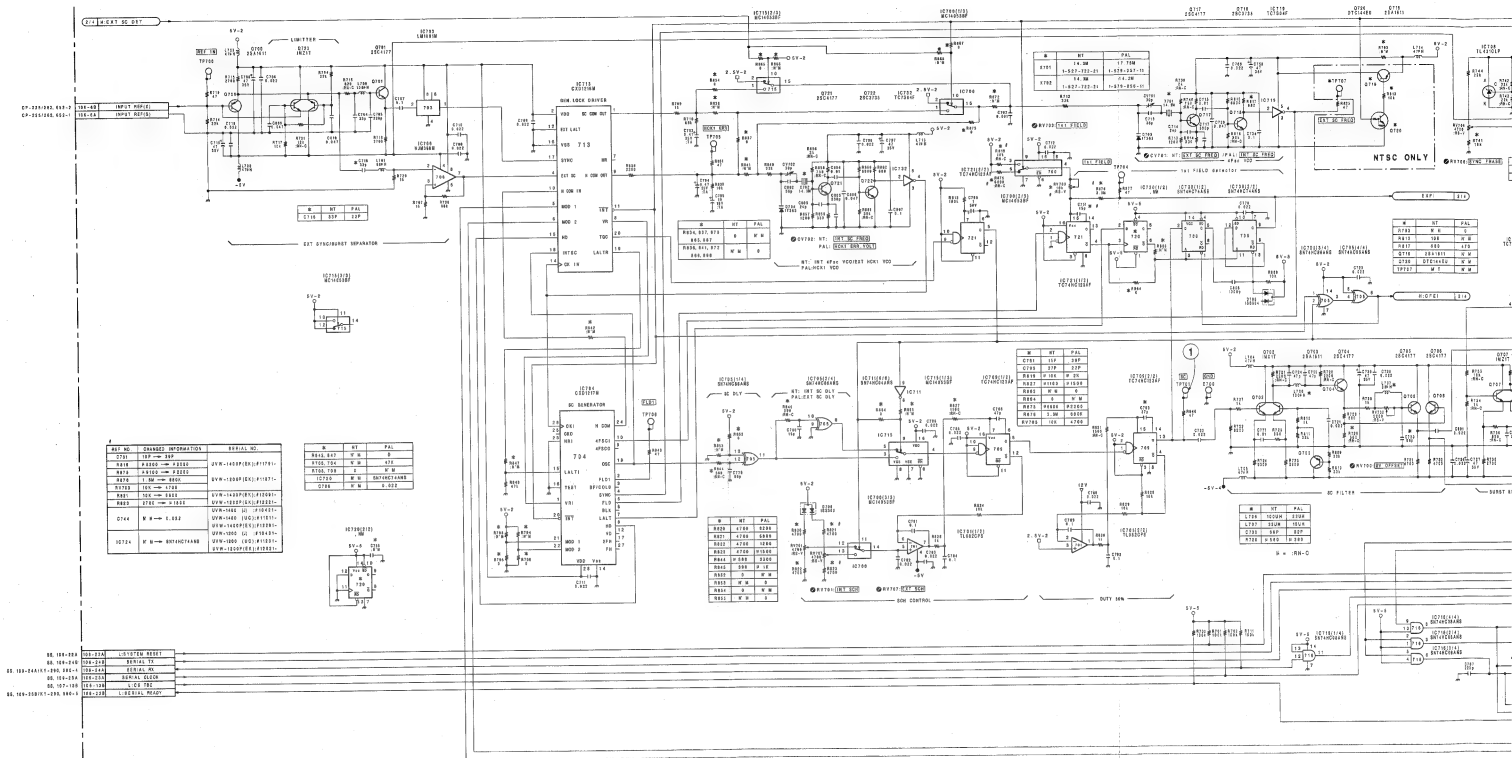
## H



UWV-1400(J) : Serial No. 10421 and higher  
 UWV-1400(UC) : Serial No. 11051 and higher  
 UWV-1400P(EK) : Serial No. 11491 and higher  
 UWV-1200(J) : Serial No. 10351 and higher  
 UWV-1200(UC) : Serial No. 11091 and higher  
 UWV-1200P(EK) : Serial No. 11721 and higher

TBC-28/28P(2/4) TBC-28/28P(2/4)

TBC-28/28P(2/4); SYNC/SC PROCESS, TBC MPU



UWV-1400/1200  
 UWV-1400P/1200P

16-93(b)

16-93(b)

A

B

C

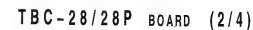
D

E

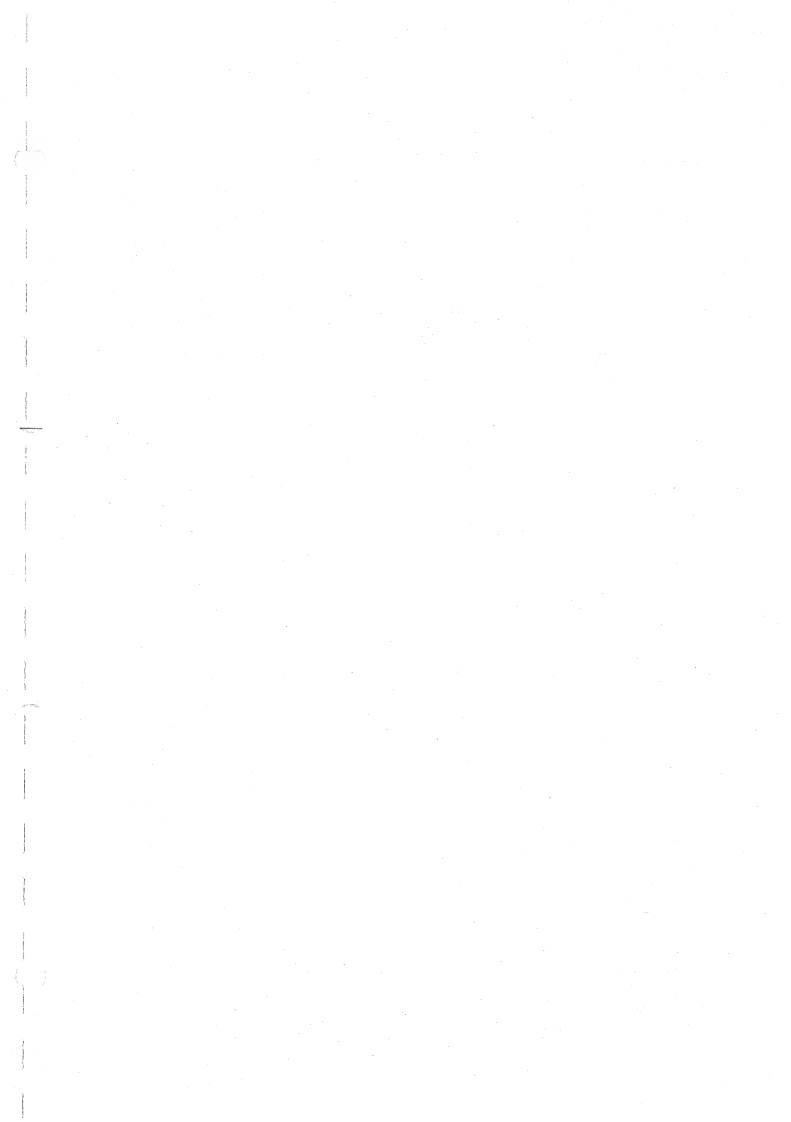
F

G

H



BOARD NO. 1-648-902-12, 13  
 UVW-1400 (J) : #10421-  
 UVW-1400 (UC) : #11051-  
 UVW-1400P (EK) : #11491-  
 UVW-1200 (J) : #10351-  
 UVW-1200 (UC) : #11091-  
 UVW-1200P (EK) : #11721-





TBC-28/28P (1-648-902-11,12,13)

CN1	E-1	IC405	R-4	●Q200	R-3	TP500	E-1
CN2	C-6	IC406	M-5	●Q201	R-3	TP501	E-1
CN105	N-6	IC407	N-4	●Q202	P-3	TP502	D-1
CN106	C-6	IC408	M-4	●Q203	P-3	TP503	H-1
		●IC409	N-5	●Q300	P-1	TP700	A-5
CV700	C-4	IC501	L-2	●Q301	P-1	TP701	B-1
CV701	B-3	IC502	L-4	●Q302	P-1	TP702	C-4
CV702	A-3	IC503	J-2	●Q303	P-1	TP703	D-4
		IC504	J-4	●Q304	N-2	TP704	C-1
●D1	M-2	IC505	H-2	●Q305	N-2	TP705	A-3
●D2	M-3	IC506	H-3	●Q306	R-2	TP706	C-3
●D100	M-3	IC507	G-6	●Q400	P-5	TP707	N B-3
●D101	N-3	IC508	H-4	●Q401	P-5	△ TP708	N A-1
●D102	R-3	IC509	G-3	●Q402	R-5		
●D200	M-3	IC510	F-6	●Q403	P-5	X700	D-4
●D301	N-2	IC511	H-1	●Q404	M-4	X701	B-2
●D302	R-2	IC512	F-3	●Q405	R-4	X702	A-2
●D303	R-2	IC513	F-4	●Q406	R-5		
●D304	R-2	IC514	H-1	●Q407	N-4		
●D305	P-2	IC516	F-1	●Q501	F-1		
●D401	P-4	IC519	F-3	●Q502	E-1		
●D402	N-4	IC519	E-2	●Q503	D-1		
●D403	M-4	IC520	D-2	●Q700	A-5		
●D404	M-4	IC522	G-2	●Q701	A-5		
●D502	K-2	IC523	F-4	●Q702	B-1		
●D503	K-2	IC524	E-3	●Q703	C-2		
●D505	G-1	IC525	E-3	●Q704	B-2		
●D506	M-5	IC526	D-3	●Q705	B-2		
●D700	C-4	IC527	D-3	●Q706	C-2		
●D703	B-2	IC528	H-3	●Q707			
●D704	A-2	IC529	N F-2	●Q708	D-5		
●D705	C-2	IC530	N G-2	●Q709	C-5		
●D706	A-1	IC531	N G-2	●Q710	B-5		
△ ●D707	N A-1	IC532	N G-2	●Q711	B-5		
		IC533	N G-1	●Q712	B-5		
E200	N-3	IC534	N G-1	●Q713	B-4		
E300	M-1	IC535	N G-1	●Q714	B-4		
E400	R-5	IC700	B-4	●Q715	B-5		
E500	D-1	IC701	B-1	●Q716	B-4		
E501	J-3	●IC702	B-5	●Q717	B-2		
E700	B-1	IC703	A-5	●Q718	B-2		
E701	C-5	IC704	B-4	●Q719	N B-2		
FL500	F-2	IC705	C-4	●Q720	N A-2		
FL501	E-1	IC706	A-5	●Q721	A-2		
FL502	D-1	IC707	C-3	●Q722	A-2		
		IC708	C-4	○ Q723	A-5		
		IC709	A-1				
IC1	M-2	IC710	D-2	RV100	R-3		
IC2	M-3	IC711	D-3	RV200	R-3		
IC3	L-1	IC712	C-4	RV300	M-1		
IC4	L-4	IC713	A-4	RV301	N-1		
IC5	E-6	IC714	F-5	RV400	P-1		
IC6	L-1	IC715	A-1	RV401	P-5		
IC7	L-5	IC716	B-5	RV500	F-1		
IC8	B-5	●IC717	C-5	RV501	F-1		
IC100	P-3	IC718	D-5	RV502	D-1		
IC101	P-3	IC719	B-3	RV700	B-1		
IC102	M-3	IC720	P C-2	RV701	A-1		
IC103	M-2	IC721	C-2	RV703	B-1		
IC200	P-3	IC722	E-5	RV706	C-1		
IC203	M-3	IC723	B-5	RV707	B-1		
IC300	P-1	●IC724	B-6				
IC301	P-2	IC727	N D-2	S500	J-1		
IC302	R-1	IC728	C-4				
IC303	M-1	IC729	D-4	TH400	R-5		
IC304	M-2	IC730	C-3				
IC305	N-2	IC732	A-3	TP100	R-3		
IC306	M-2			TP101	N-3		
IC307	R-2	LV300	R-2	TP200	R-3		
IC308	R-2	LV400	M-4	TP201	N-3		
IC309	P R-2			TP300	R-1		
IC400	R-5	●Q100	R-3	TP301	P-2		
IC401	N-5	●Q101	R-3	TP303	P-2		
IC402	R-5	●Q102	P-3	TP400	M-5		
IC403	R-5	●Q103	P-3	TP401	N-4		
IC404	R-4	●Q104	R-3	TP402	N-4		

\* : B SIDE

N : UVW-1400/1200 ONLY

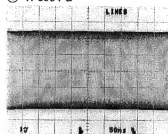
P : UVW-1400P/1200P ONLY

△ : 1-648-902-11 ONLY

○ : 1-648-902-12,13 ONLY

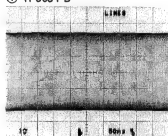
For J,UC

① TP303 PB



For EK

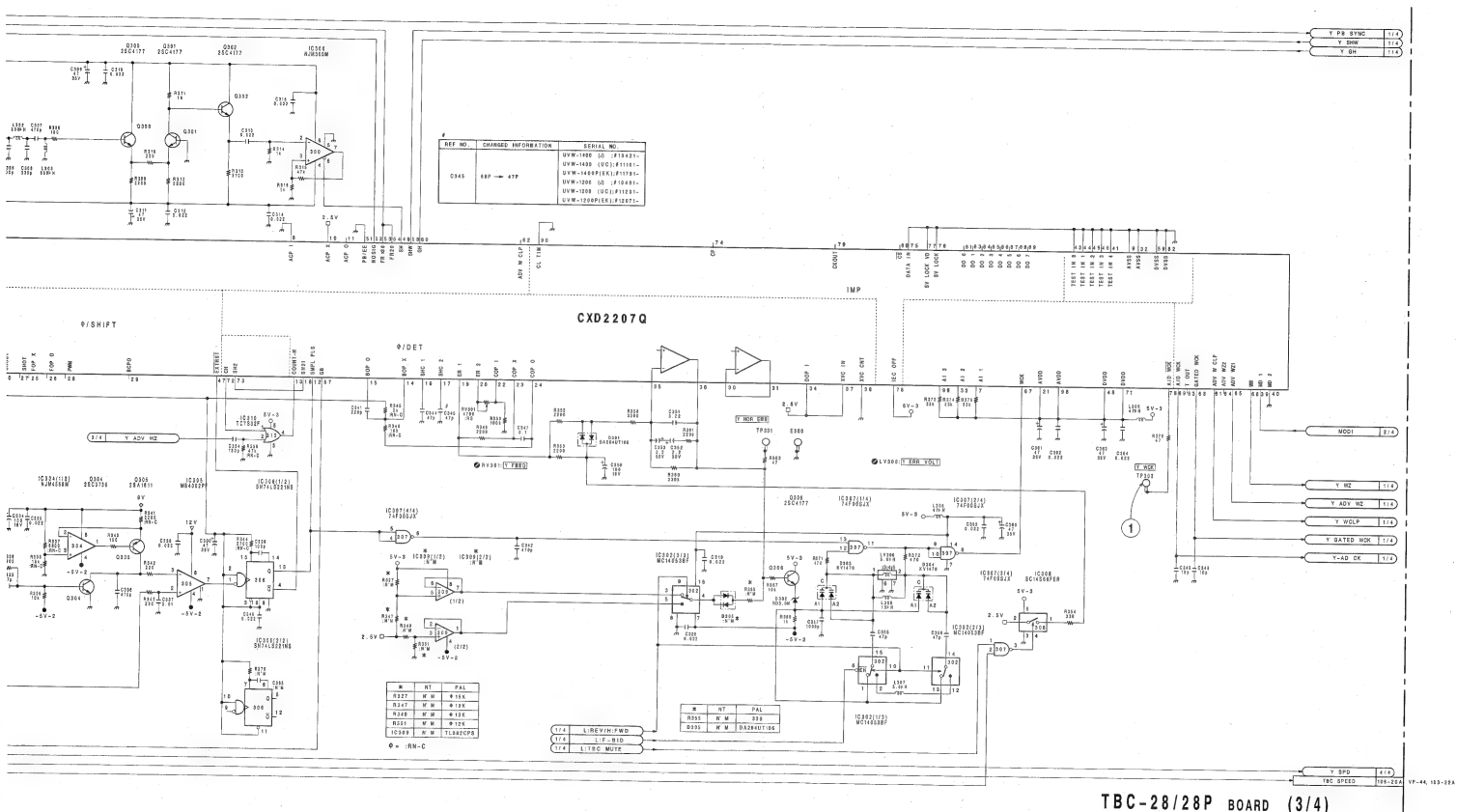
① TP303 PB











TBC-28/28P BOARD (3/4)

BOARD NO. 1-648-902-12, 13  
UVW-1400 (J) ;#10421-  
UVW-1400 (UC) ;#11051-  
UVW-1400P (EK) ;#11491-  
UVW-1200 (J) ;#10351-  
UVW-1200 (UC) ;#11091-  
UVW-1200P (EK) ;#11721-



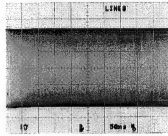
TBC-28/28P (1-648-902-11,12,13)

CN1	E-1	IC405	R-4	●Q220	R-3	TP500	E-1
CN2	C-6	IC406	N-5	●Q201	R-3	TP501	E-1
CN105	N-6	IC407	N-4	●Q202	P-3	TP502	D-1
CN106	C-6	IC408	M-4	●Q203	P-3	TP503 N	H-1
CV700	C-4	IC501	L-2	●Q300	P-1	TP700	A-5
CV701	B-3	IC502	L-4	●Q301	P-1	TP701	B-1
CV702	A-3	IC503	J-2	●Q302	P-1	TP702	C-4
		IC504	J-4	●Q303	P-1	TP703	D-4
		IC505	H-2	●Q304	N-2	TP704	C-1
●D1	M-2	IC506	H-3	●Q305	N-2	TP705	A-3
●D2	M-3	IC507	G-6	●Q306	R-2	TP706	C-3
●D100	M-3	IC508	H-4	●Q400	P-5	TP707 N	B-3
●D101	N-3	IC509	C-3	●Q401	P-5	△TP708 N	A-1
●D102	R-3	IC510	F-6	●Q402	R-5		
●D200	M-3	IC511	H-1	●Q403	P-5	X700	D-4
●D301	N-2	IC512	F-3	●Q404	M-4	X701	B-2
●D302	R-2	IC513	F-4	●Q405	R-4	X702	A-2
●D303	R-2	IC514	H-1	●Q406	R-5		
●D304	R-2	IC515	F-1	●Q407	N-4		
●D305 P	P-2	IC516	F-1	●Q501	F-1		
●D401	P-4	IC518	F-3	●Q502	E-1		
●D402	N-4	IC519	E-2	●Q503	D-1		
●D403	M-4	IC520	D-2	●Q700	A-5		
●D404	M-4	IC522	G-2	●Q701	A-5		
●D502	K-2	IC523	F-4	Q702	B-1		
●D503	K-2	IC524	E-3	●Q703	C-2		
●D505	G-1	IC525	E-3	●Q704	B-2		
●D506	M-5	IC526	D-3	●Q705	B-2		
●D700	C-4	IC527	D-3	●Q706	C-2		
●D703	B-2	IC528	H-3	Q707	B-4		
●D704	A-2	IC529	N F-2	●Q708	D-5		
●D705	C-2	IC530	N G-2	●Q709	C-5		
●D706	A-1	IC531	N G-2	●Q710	B-5		
△D707 N	A-1	IC532	N G-2	●Q711	B-5		
		IC533	N G-1	●Q712	A-5		
		IC534	N G-1	●Q713	B-4		
E200	N-3	IC535	N G-1	●Q714	B-4		
E300	M-1	IC700	B-4	●Q715	B-5		
E400	R-5	IC701	B-1	●Q716	B-4		
E500	D-1	●IC702	B-5	●Q717	B-2		
E501	J-3	IC703	A-5	●Q718	B-2		
E700	B-1	IC704	B-4	●Q719	B-2		
E701	C-5	IC705	C-4	●Q720 N	A-2		
FL500	F-2	IC706	A-5	●Q721	A-2		
FL501	E-1	IC707	C-3	●Q722	A-2		
FL502	D-1	IC708	C-4	●Q723	A-5		
		IC709	A-1				
IC1	M-2	IC710	D-2	RV100	R-3		
IC2	M-3	IC711	D-3	RV200	R-3		
IC3	L-1	IC712	C-4	RV300	M-1		
IC4	L-4	IC713	A-4	RV301	N-1		
IC5	E-6	IC714	F-5	RV400	P-1		
IC6	L-1	IC715	A-1	RV401	P-5		
IC7	L-5	IC716	B-5	RV500	F-1		
IC8 P	B-5	●IC717	C-5	RV501	F-1		
IC100	P-3	IC718	D-5	RV502	D-1		
IC101	P-3	IC719	B-3	RV700	B-1		
IC102	M-3	IC720 P	C-2	RV701	A-1		
IC103	M-2	IC721	C-2	RV703	B-1		
IC200	P-3	IC722	E-5	RV706	C-1		
IC203	M-3	IC723	B-5	RV707	B-1		
IC300	P-1	●IC724	B-6				
IC301	P-2	IC727 N	D-2	S500	J-1		
IC302	R-1	IC728	C-4				
IC303	M-1	IC729	D-4	TH400	R-5		
IC304	M-2	IC730	C-3				
IC305	N-2	IC732	A-3	TP100	R-3		
IC306	M-2			TP101	N-3		
IC307	R-2	LV300	R-2	TP200	R-3		
IC308	R-2	LV400	M-4	TP201	N-3		
IC309 P	R-2			TP300	R-1		
IC400	R-5	●Q100	R-3	TP301	P-2		
IC401	N-5	●Q101	R-3	TP303	P-2		
IC402	R-5	●Q102	P-3	TP400	M-5		
IC403	R-5	●Q103	P-3	TP401	N-4		
IC404	R-4	●Q104	R-3	TP402	N-4		

\* : B SIDE  
N : UVW-1400/1200 ONLY  
P : UVW-1400P/1200P ONLY  
△ : 1-648-902-11 ONLY  
○ : 1-648-902-12,13 ONLY

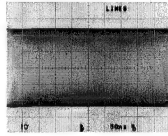
For J,UC

① TP402 PB



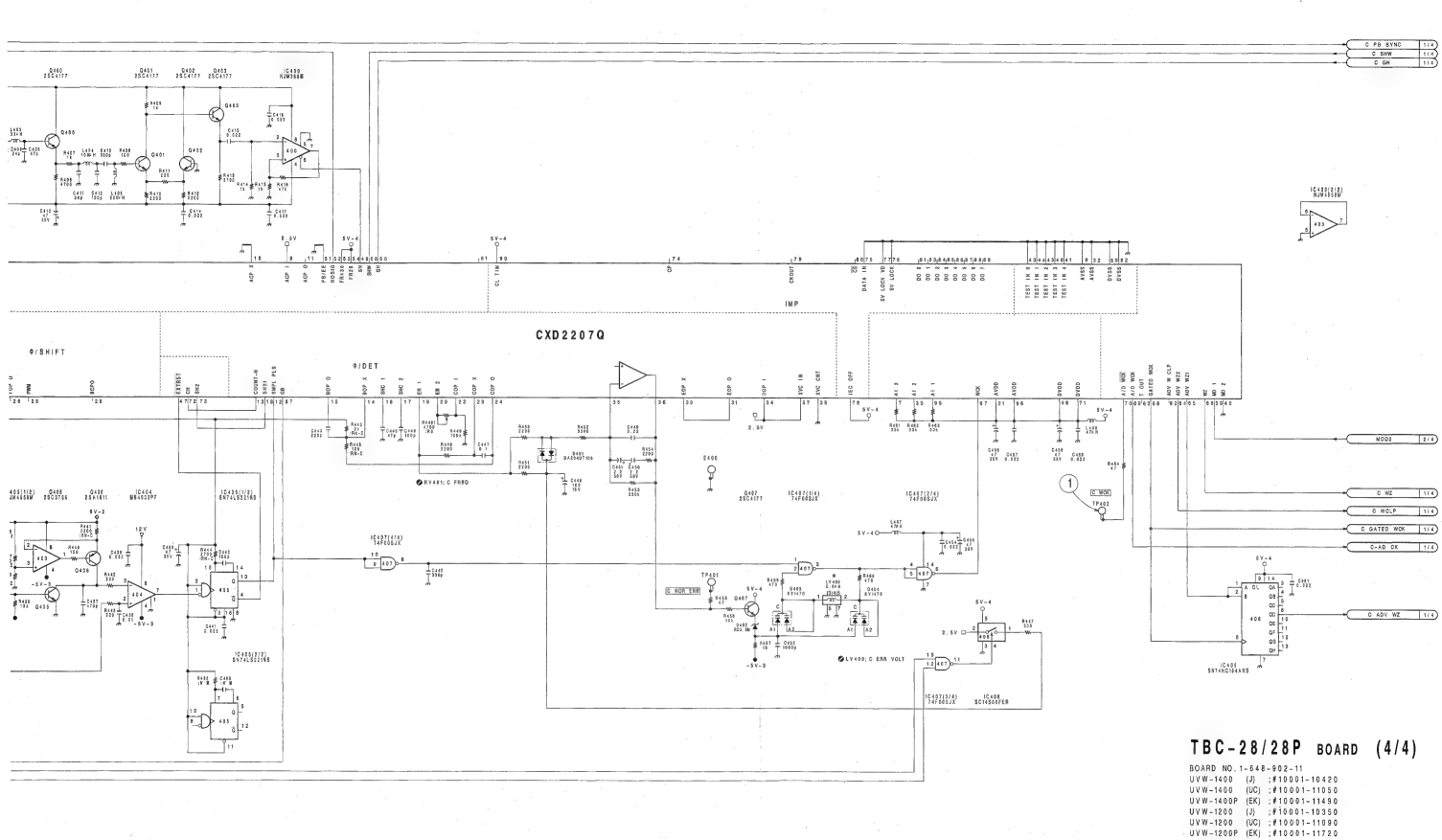
For EK

① TP402 PB



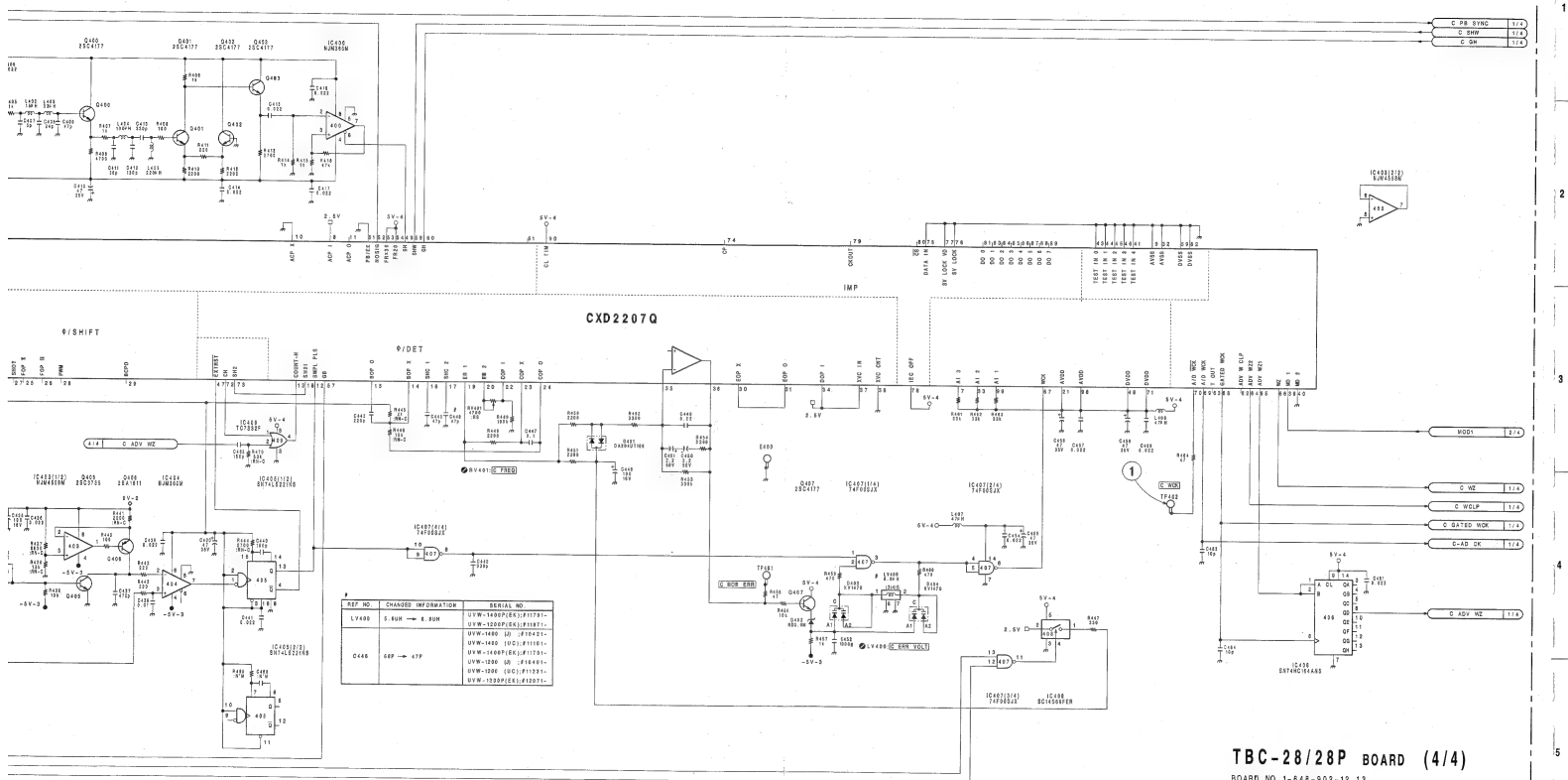






TBC-28/28P(4/4)

1



TBC-28/28P BOARD (4/4)

BOARD NO. 1-648-952-12, 13  
UVW-1400 (J) : #10421-  
UVW-1400 (UC) : #11051-  
UVW-1400P (EX) : #11491-  
UVW-1200 (J) : #10501-  
UVW-1200 (UC) : #11091-  
UVW-1200P (EX) : #11721-

VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
○CN104	C-6	IC706	E-2	Q511	C-2	RV504	B-4
CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
				*Q514	C-2	RV507	C-3
DL101	N-4	○Q51	B-5	Q515	C-4	RV508	C-5
DL301	J-4	*Q101	N-5	*Q516	B-2	RV509	B-4
		*Q102	N-4	*Q517	C-5	RV510	A-4
*D201	N-2	*Q103	N-5	*Q518	C-4	RV511	C-4
*D401	J-2	*Q104	N-4	*Q519	B-2	RV512	A-4
*D501	A-2	*Q105	N-4	*Q520	B-2	RV601	P E-1
*D502	B-2	*Q106	N-3	Q521	B-4	RV602	D-1
*D503	B-3	*Q107	N-3	Q522	B-3	RV603	E-1
*D504	A-4	*Q108	N-4	Q523	C-4	RV604	E-1
*D601	D-2	*Q109	N-4	*Q601	D-5	RV605	D-1
*D701	R-4	*Q110	P-4	*Q602	E-5	RV606	D-1
		*Q111	P-5	Q603	D-5	RV607	C-1
E101	P-6	*Q112	P-5	Q604	E-5	RV701	F-1
E102	N-1	*Q201	M-2	Q605	D-5	RV702	G-1
E201	R-1	*Q202	N-1	Q606	E-5	RV703	F-1
E301	K-5	*Q203	P-2	Q607	D-4	RV704	G-1
E401	G-2	*Q204	N-2	Q608	E-4	RV705	F-3
E501	B-3	*Q205	P-2	Q609	D-4	RV706	F-3
E502	B-6	*Q206	P-2	Q610	E-4	RV707	F-3
E501	D-4	*Q207	N-2	Q611	D-4	RV708	G-3
E602	D-2	*Q208	N-1	Q612	E-4	RV709	F-2
		*Q209	N-1	*Q613	F-5	RV710	F-2
FL201	M-1	*Q210	N-1	*Q614	P F-5		
FL401	H-1	*Q211	P-2	*Q615	F-5	TH201	P-2
FL601	E-1	*Q212	P-1	*Q616	D-2	TH401	J-2
		*Q213	R-2	*Q617	D-2	*TH601	P D-1
IC101	P-4	*Q214	R-2	*Q618	D-3		
IC102	M-5	*Q215	P-1	*Q619	E-3	TP101	L-2
IC103	N-5	*Q216	N-2	*Q620	F-5	TP102	P-1
IC104	L-5	*Q217	M-2	*Q621	F-5	TP103	L-1
IC202	M-2	*Q218	M-2	*Q622	D-1	TP104	P-3
IC203	M-1	*Q219	M-2	*Q623	D-1	TP201	P-1
IC204	P-1	*Q220	M-2	*Q624	D-1	TP301	G-1
IC205	L-2	*Q301	J-4	*Q701	F-4	TP302	J-3
IC301	K-4	*Q302	J-4	*Q702	G-4	TP401	L-1
IC302	H-5	*Q303	H-4	*Q703	F-3	TP501	C-2
IC303	H-5	*Q304	H-5	*Q704	G-3		
IC401	H-2	*Q305	H-4	*Q705	F-3		
IC402	H-1	*Q306	H-3	*Q706	F-3		
IC403	K-1	*Q307	J-3	*Q707	F-3		
IC404	G-2	*Q308	J-4	*Q708	F-3		
IC501	B-2	*Q309	J-4	*Q709	F-3		
IC502	A-2	*Q310	K-3	*Q710	F-3		
IC504	B-2	*Q311	K-5	*Q711	G-3		
IC505	B-2	*Q401	H-2	*Q712	G-3		
IC506	A-3	*Q402	J-1	*Q713	F-3		
IC507	B-5	*Q403	J-1	*Q714	G-3		
IC508	B-4	*Q404	J-2	*Q715	F-3		
IC509	A-5	*Q405	J-1	*Q716	F-3		
IC510	A-4	*Q406	J-1	*Q717	F-2		
IC511	A-5	*Q407	J-1	Q718	E-2		
IC512	J-6	*Q408	J-1	Q719	F-2		
IC513	G-6	*Q409	J-2	*Q720	F-2		
IC514	A-2	*Q410	J-1	*Q721	F-2		
IC515 N	C-1	*Q411	J-2	Q722	F-2		
IC516	C-1	*Q412	J-2	Q723	G-2		
IC601	E-5	*Q413	K-2	*Q724	F-2		
IC602	D-4	*Q414	K-2	*Q725	F-2		
IC603	D-3	*Q415	K-2	*Q726	F-1		
IC604	D-3	*Q416	J-2	*Q727	F-1		
IC605	D-3	*Q417	H-2				
IC606	E-3	*Q418	H-2	RV101	L-1		
IC607	D-2	*Q501	A-1	RV102	K-1		
IC608	E-2	Q502	A-1	RV103	P-4		
IC610	D-2	Q503	A-1	RV201	M-3		
IC612	D-2	Q504	A-1	RV301	J-1		
IC613	C-2	Q505	B-1	RV302	H-1		
IC701	F-1	Q506	B-1	RV303	K-4		
IC702	F-1	Q507	C-2	RV401	H-3		
IC703	R-3	*Q508	B-4	RV501	B-4		
IC704	R-4	*Q509	C-3	RV502	C-3		

\* : B SIDE

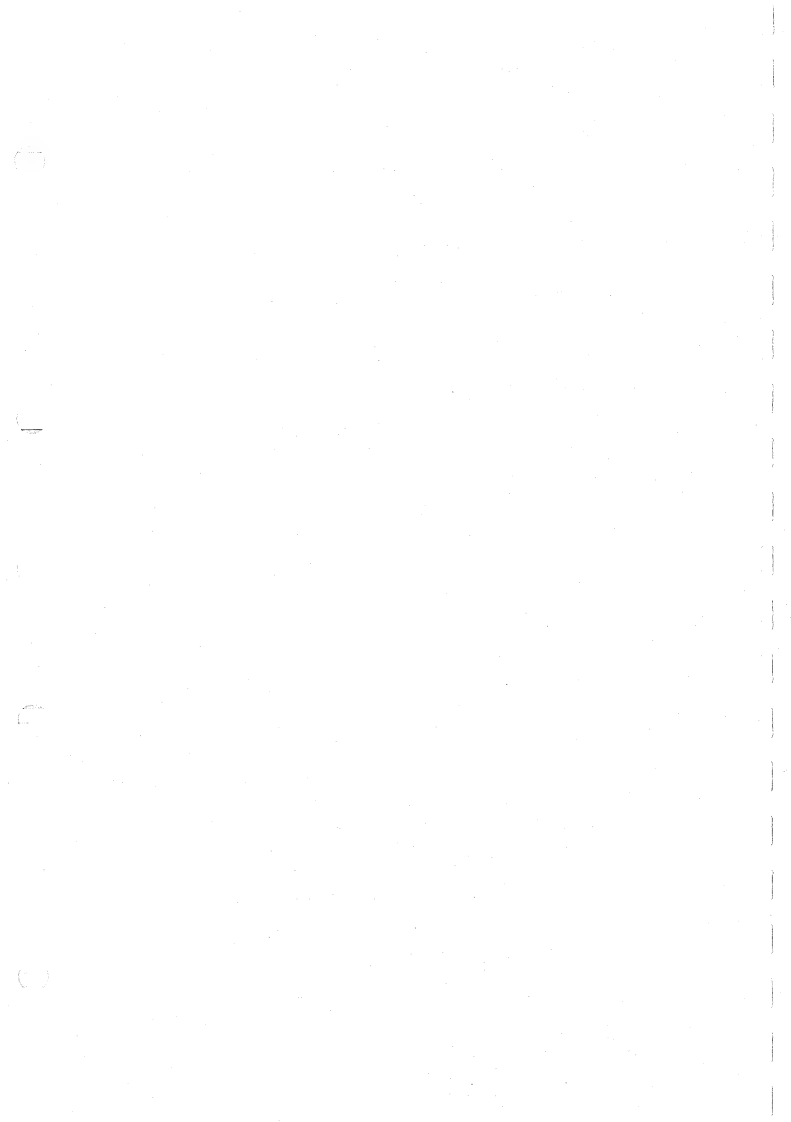
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N : UVW-1400/1200 ONLY

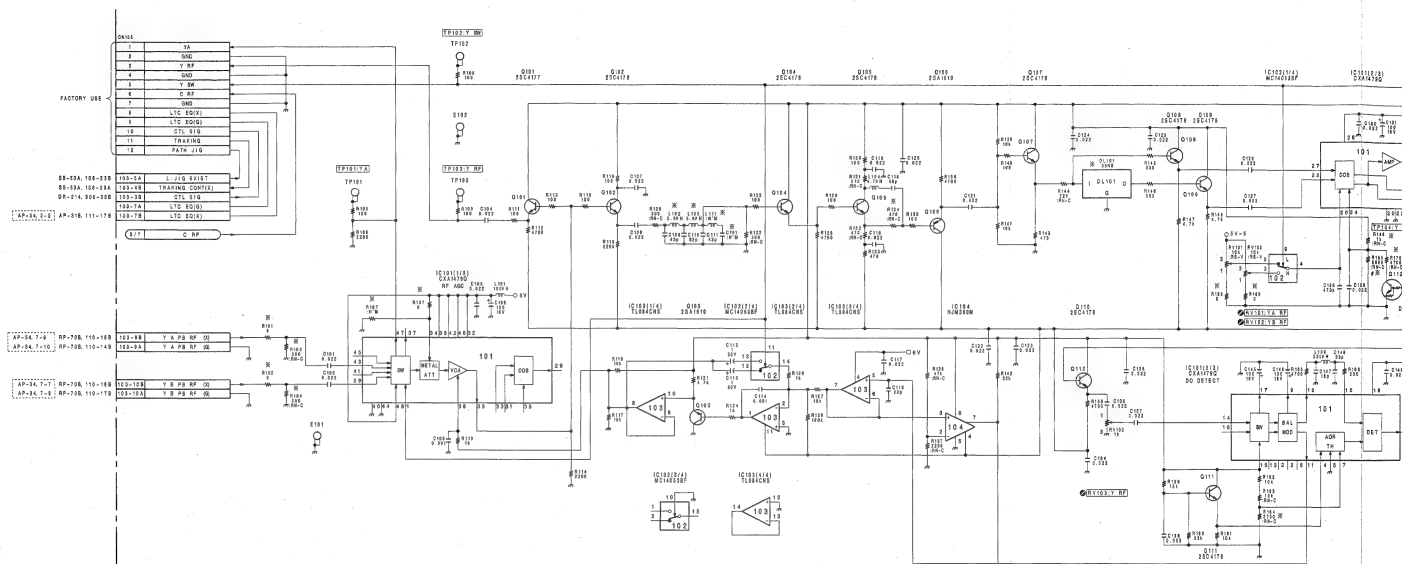
P : UVW-1400P/1200P ONLY

△ : 1-648-900-11 ONLY

○ : 1-648-900-12,13 ONLY



VP-44/44A/44P/44AP(1/7); Y RF AGC/EQ, Y DO DET.



UVW-1400/1200  
UVW-1400P/1200P

16-105

16-105

A

B

C

D

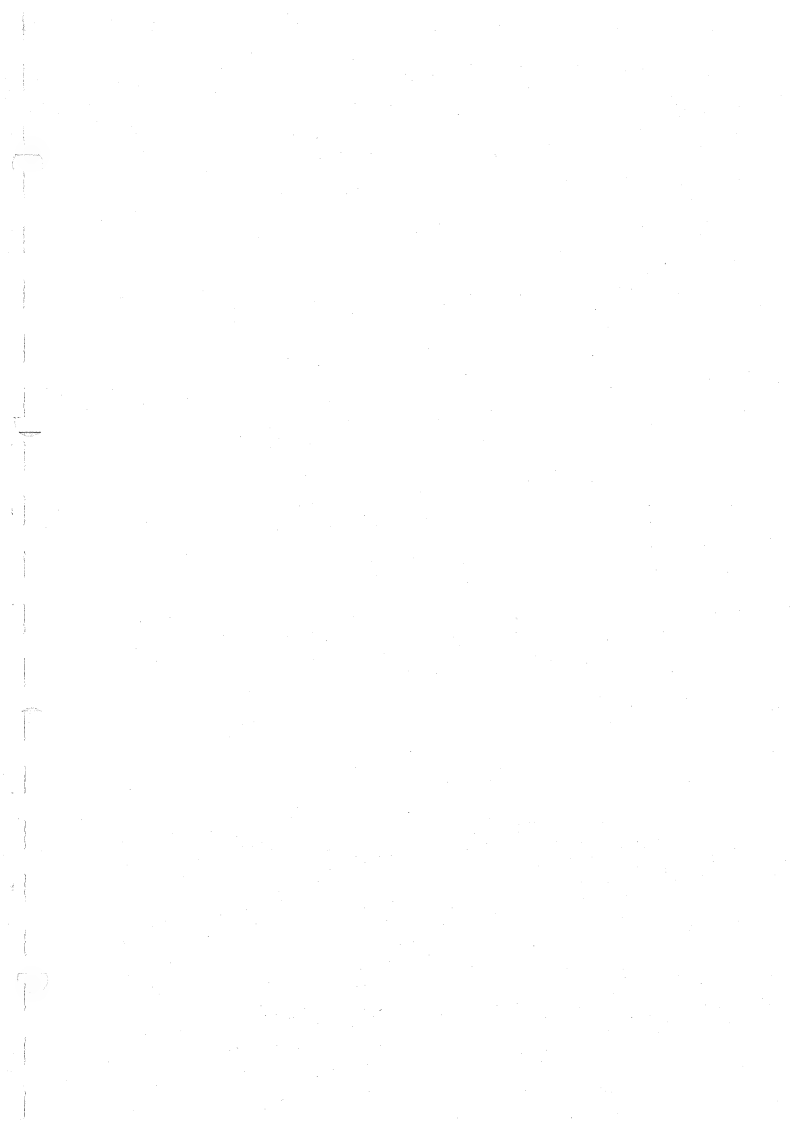
E

F

G

H







VP-44/44A/44P/44AP (1-648-900-11,12,13)

△ CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
○ CN104	C-6	IC706	E-2	*Q511	C-2	RV504	B-4
○ CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△ CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
DL101	N-4	○ Q51	B-5	*Q514	C-2	RV507	C-3
DL301	J-4	*Q101	N-5	*Q515	C-4	RV508	C-5
*D201	N-2	*Q102	N-4	*Q516	B-2	RV509	B-4
*D401	J-2	*Q103	N-5	*Q517	C-5	RV510	A-4
*D501	A-2	*Q104	N-4	*Q518	C-4	RV511	C-4
*D502	B-2	*Q105	N-4	*Q519	B-2	RV512	A-4
*D503	B-3	*Q106	N-3	*Q520	B-2	RV601	P-E-1
*D504	A-4	*Q107	N-3	Q521	B-4	RV602	D-1
*D601	D-2	*Q108	N-4	Q522	B-3	RV603	E-1
*D701	R-4	*Q109	N-4	Q523	C-4	RV604	E-1
E101	P-6	*Q110	P-4	*Q601	D-5	RV605	D-1
E102	N-1	*Q111	P-5	*Q602	E-5	RV606	D-1
E201	R-1	*Q112	P-5	Q603	D-5	RV607	C-1
E301	K-5	*Q201	M-2	Q604	E-5	RV701	F-1
E401	G-2	*Q202	N-1	Q605	D-5	RV702	G-1
E501	B-3	*Q203	P-2	Q606	E-5	RV703	F-1
E502	B-6	*Q204	N-2	Q607	D-4	RV704	G-1
E601	D-4	*Q205	P-2	Q608	E-4	RV705	F-3
E602	D-2	*Q206	P-2	Q609	D-4	RV706	F-3
FL201	M-1	*Q207	N-2	Q610	E-4	RV707	F-3
FL401	H-1	*Q208	N-1	Q611	D-4	RV708	G-3
FL601	E-1	*Q209	N-1	Q612	E-4	RV709	F-2
IC101	P-4	*Q210	N-1	*Q613	F-5	RV710	F-2
IC102	M-5	*Q211	P-2	*Q614	P-F-5	TH201	P-2
IC103	N-5	*Q212	P-1	*Q615	F-5	TH401	J-2
IC104	L-5	*Q213	R-2	*Q616	D-2	*TH601	P-D-1
IC202	M-2	*Q214	R-2	*Q617	D-2	TP101	L-2
IC203	M-1	*Q215	P-1	*Q618	D-3	TP102	P-1
IC204	P-1	*Q216	N-2	*Q619	E-3	TP103	L-1
IC205	L-2	*Q217	M-2	*Q620	F-5	TP104	P-3
IC301	K-4	*Q218	M-2	*Q621	F-5	TP201	P-1
IC302	H-5	*Q219	M-2	*Q622	D-1	TP301	G-1
IC303	H-5	*Q220	M-2	*Q623	D-1	TP302	J-3
IC401	H-2	*Q301	J-4	*Q624	D-1	TP401	L-1
IC402	H-1	*Q302	J-4	*Q701	F-4	TP501	C-2
IC403	K-1	*Q303	H-4	*Q702	G-4		
IC404	G-2	*Q304	H-5	*Q703	F-3		
IC501	B-2	*Q305	H-4	*Q704	G-3		
IC502	A-2	*Q306	H-3	*Q705	F-3		
IC504	B-2	*Q307	J-3	*Q706	F-3		
IC505	B-2	*Q308	J-4	*Q707	F-3		
IC506	A-3	*Q309	J-4	*Q708	F-3		
IC507	B-5	*Q310	K-3	*Q709	F-3		
IC508	B-4	*Q311	K-5	*Q710	F-3		
IC509	A-5	*Q401	H-2	*Q711	G-3		
IC510	A-4	*Q402	J-1	*Q712	G-3		
IC511	A-5	*Q403	J-1	*Q713	F-3		
IC512	J-6	*Q404	J-2	*Q714	G-3		
IC513	G-6	*Q405	J-1	*Q715	F-3		
IC514	A-2	*Q406	J-1	*Q716	F-3		
IC515	N-C-1	*Q407	J-1	*Q717	F-2		
IC516	C-1	*Q408	J-1	Q718	E-2		
IC601	E-5	*Q409	J-2	Q719	F-2		
IC602	D-4	*Q410	J-1	*Q720	F-2		
IC603	D-3	*Q411	J-2	*Q721	F-2		
IC604	D-3	*Q412	J-2	Q722	F-2		
IC605	D-3	*Q413	K-2	Q723	G-2		
IC606	E-3	*Q414	K-2	*Q724	F-2		
IC607	D-2	*Q415	K-2	*Q725	F-2		
IC608	E-2	*Q416	J-2	*Q726	F-1		
IC610	D-2	*Q417	H-2	*Q727	F-1		
IC612	D-2	*Q418	H-2	RV101	L-1		
IC613	C-2	*Q419	A-1	RV102	K-1		
IC701	F-1	*Q501	A-1	RV103	P-4		
IC702	F-1	*Q502	A-1	RV201	M-3		
IC703	R-3	*Q503	A-1	RV301	J-1		
IC704	R-4	*Q504	B-1	RV302	H-1		
		*Q505	B-1	RV303	K-4		
		*Q506	C-2	RV401	H-3		
		*Q507	B-4	RV501	B-4		
		*Q508	C-3	RV502	C-3		

\*: B SIDE

—: UVW-1400/1400P ONLY

II: UVW-1400/1200 ONLY

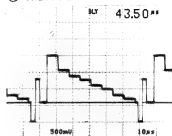
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△: 1-648-900-11 ONLY

○: 1-648-900-12,13 ONLY

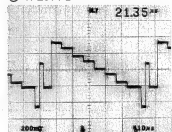
For J,UC

① TP201 PB

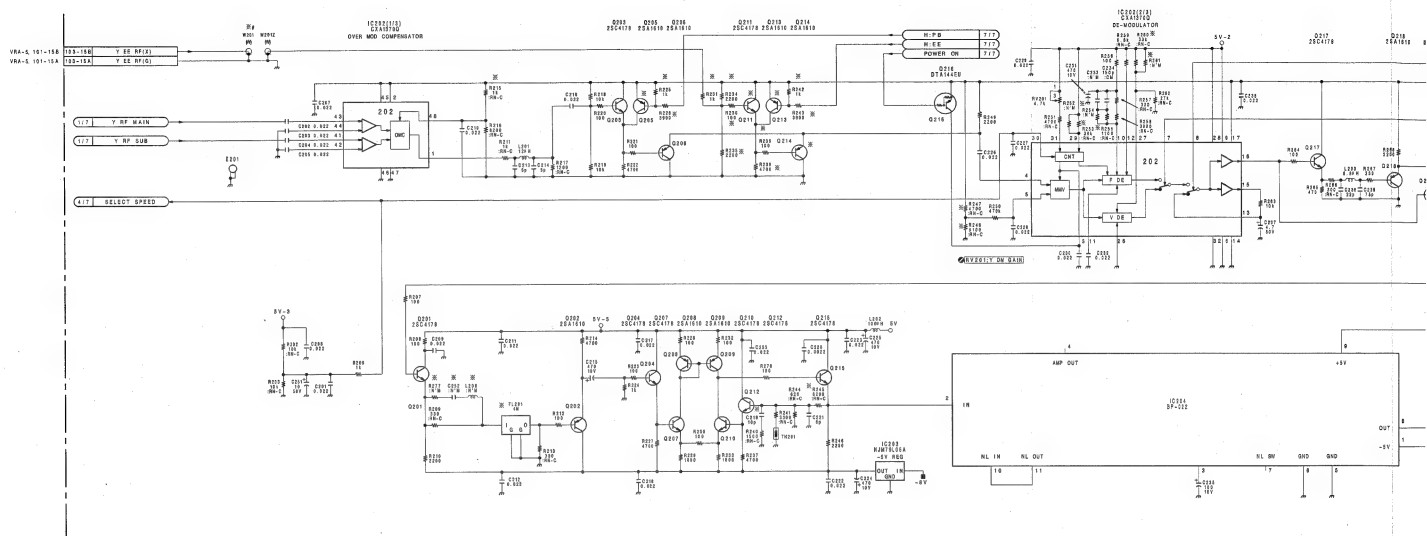


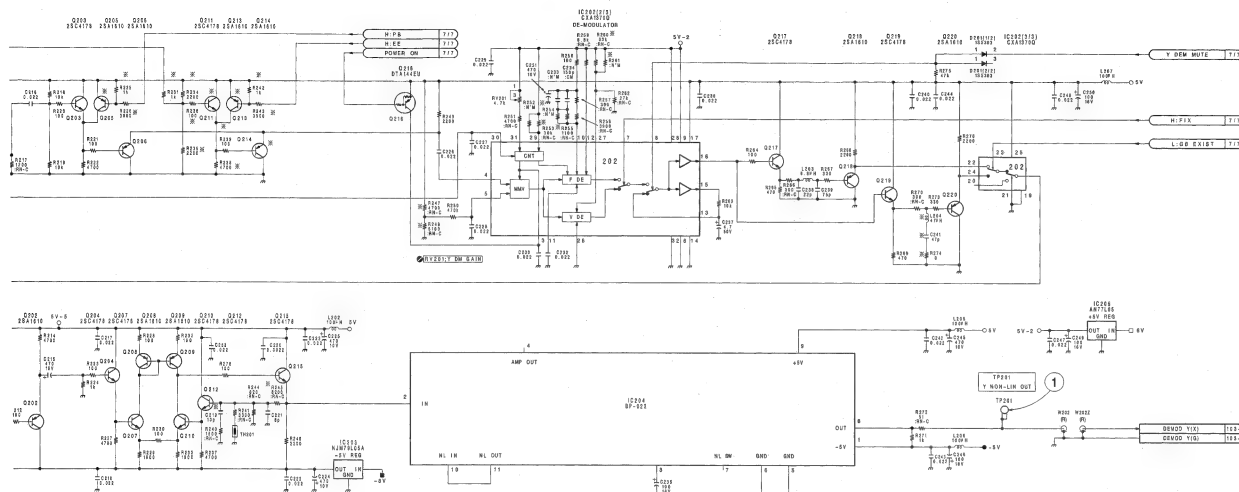
For EK

① TP201 PB



VP-44/44A/44P/44AP(2/7);Y OMC, Y DEM, Y NL DE-EMPH.





※

REF. NO.	UW-1400	2VW-1200
R222	1000	W.W.
R226	2000	W.W.
R221	1000	W.W.
R224	2000	W.W.
R225	2000	W.W.
R228	1000	W.W.
R229	1000	W.W.
R230	1000	W.W.
R231	1000	W.W.
R232	1000	W.W.
R233	1000	W.W.
R234	1000	W.W.
R235	1000	W.W.
R236	1000	W.W.
R237	1000	W.W.
R238	1000	W.W.
R239	1000	W.W.
R240	1000	W.W.
R241	1000	W.W.
R242	1000	W.W.
R243	1000	W.W.
R244	1000	W.W.
R245	1000	W.W.
R246	1000	W.W.
R247	1000	W.W.
R248	1000	W.W.
R249	1000	W.W.
R250	1000	W.W.

REF. NO.	J. JC	EX
C218	10P	10P
C219	10P	10P
C220	W.W.	W.W.
C221	W.W.	W.W.
C222	W.W.	W.W.
C223	W.W.	W.W.
C224	W.W.	W.W.
C225	W.W.	W.W.
C226	W.W.	W.W.
C227	W.W.	W.W.
C228	W.W.	W.W.
C229	W.W.	W.W.
C230	W.W.	W.W.
C231	W.W.	W.W.
C232	W.W.	W.W.
C233	W.W.	W.W.
C234	W.W.	W.W.
C235	W.W.	W.W.
C236	W.W.	W.W.
C237	W.W.	W.W.
C238	W.W.	W.W.
C239	W.W.	W.W.
C240	W.W.	W.W.

W.W. = W.W.

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

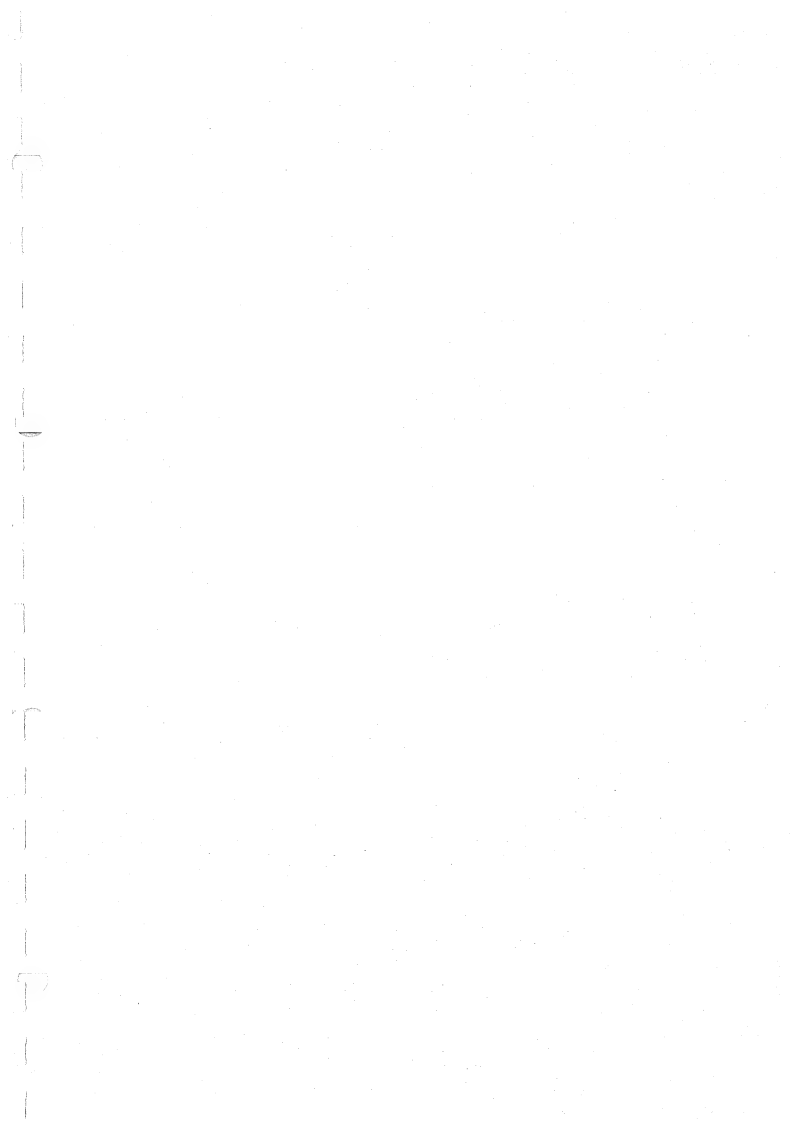
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W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

REF. NO.	CHANGED INFORMATION	SERIAL NO.
W201	1-1000-101-11	W.W.-1000-101-11
	W.W.	W.W.-1000-101-11
		W.W.-1000-101-11

VP-44/44A  
VP-44P/44AP BOARD (2/7)

BOARD NO. 1-648-900-11, 12, 13  
UW-1400 (J) : #10001-  
UW-1400 (K) : #10001-  
UW-1400P (K) : #10001-  
UW-1200 (J) : #10001-  
UW-1200 (K) : #10001-  
UW-1200P (K) : #10001-



VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
⊙ CN104	C-6	IC706	E-2	Q511	C-2	RV504	B-4
CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△ CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
DL101	N-4	⊙ Q51	B-5	*Q514	C-2	RV507	C-3
DL301	J-4	*Q101	N-5	Q515	C-4	RV508	C-5
*D201	N-2	*Q102	N-4	*Q516	B-2	RV509	B-4
*D401	J-2	*Q103	N-5	*Q517	C-5	RV510	A-4
*D501	A-2	*Q104	N-4	*Q518	C-4	RV511	C-4
*D502	B-2	*Q105	N-4	*Q519	B-2	RV512	A-4
*D503	B-3	*Q106	N-3	*Q520	B-2	RV601	P E-1
*D504	A-4	*Q107	N-3	Q521	B-4	RV602	D-1
*D601	D-2	*Q108	N-4	Q522	B-3	RV603	E-1
*D701	R-4	*Q109	N-4	Q523	C-4	RV604	E-1
E101	P-6	*Q110	P-4	*Q601	D-5	RV605	D-1
E102	N-1	*Q111	P-5	*Q602	E-5	RV606	D-1
E201	R-1	*Q112	P-5	Q603	D-5	RV607	C-1
E301	K-5	*Q201	M-2	Q604	E-5	RV701	F-1
E401	G-2	*Q202	N-1	Q605	D-5	RV702	G-1
E501	B-3	*Q203	P-2	Q606	E-5	RV703	F-1
E502	B-6	*Q204	N-2	Q607	D-4	RV704	G-1
E601	D-4	*Q205	P-2	Q608	E-4	RV705	F-3
E602	D-2	*Q206	P-2	Q609	D-4	RV706	F-3
FL201	M-1	*Q207	N-2	Q610	E-4	RV707	F-3
FL401	H-1	*Q208	N-1	Q611	D-4	RV708	G-3
FL601	E-1	*Q209	N-1	Q612	E-4	RV709	F-2
IC101	P-4	*Q210	N-1	*Q613	F-5	RV710	F-2
IC102	M-5	*Q211	N-1	*Q614	P F-5	TH201	P-2
IC103	N-5	*Q212	P-1	*Q615	F-5	TH401	J-2
IC104	L-5	*Q213	R-2	*Q616	D-2	*TH601	P D-1
IC202	M-2	*Q214	R-2	*Q617	D-2		
IC203	M-1	*Q215	P-1	*Q618	D-3		
IC204	P-1	*Q216	N-2	*Q619	E-3	TP101	L-2
IC205	L-2	*Q217	M-2	*Q620	F-5	TP102	P-1
IC301	K-4	*Q218	M-2	*Q621	F-5	TP103	L-1
IC302	H-5	*Q219	M-2	*Q622	D-1	TP104	P-3
IC303	H-5	*Q220	M-2	*Q623	D-1	TP201	P-1
IC401	H-2	*Q301	J-4	*Q624	D-1	TP301	G-1
IC402	H-1	*Q302	J-4	*Q701	F-4	TP302	J-3
IC403	K-1	*Q303	H-4	*Q702	G-4	TP401	L-1
IC404	G-2	*Q304	H-5	*Q703	F-3	TP501	C-2
IC501	B-2	*Q305	H-4	*Q704	G-3		
IC502	A-2	*Q306	H-3	*Q705	F-3		
IC503	B-2	*Q307	J-3	*Q706	F-3		
IC504	B-2	*Q308	J-4	*Q707	F-3		
IC505	B-2	*Q309	J-4	*Q708	F-3		
IC506	A-3	*Q310	K-3	*Q709	F-3		
IC507	B-5	*Q311	K-5	*Q710	F-3		
IC508	B-4	*Q401	H-2	*Q711	G-3		
IC509	A-5	*Q402	J-1	*Q712	G-3		
IC510	A-4	*Q403	J-1	*Q713	F-3		
IC511	A-5	*Q404	J-2	*Q714	G-3		
IC512	J-6	*Q405	J-1	*Q715	F-3		
IC513	G-6	*Q406	J-1	*Q716	F-3		
IC514	A-2	*Q407	J-1	*Q717	F-2		
IC515	N C-1	*Q408	J-1	*Q718	E-2		
IC516	C-1	*Q409	J-2	*Q719	F-2		
IC601	E-5	*Q410	J-1	*Q720	F-2		
IC602	D-4	*Q411	J-2	*Q721	F-2		
IC603	D-3	*Q412	J-2	*Q722	F-2		
IC604	D-3	*Q413	K-2	*Q723	G-2		
IC605	D-3	*Q414	K-2	*Q724	F-2		
IC606	E-3	*Q415	K-2	*Q725	F-2		
IC607	D-2	*Q416	J-2	*Q726	F-1		
IC608	E-2	*Q417	H-2	*Q727	F-1		
IC610	D-2	*Q418	H-2	RV101	L-1		
IC612	D-2	*Q419	A-1	RV102	K-1		
IC613	C-2	*Q502	A-1	RV103	P-4		
IC701	F-1	Q503	A-1	RV201	M-3		
IC702	F-1	Q504	A-1	RV301	J-1		
IC703	R-3	Q505	B-1	RV302	H-1		
IC704	R-4	Q506	B-1	RV303	K-4		
		Q507	C-2	RV401	H-3		
		*Q508	B-4	RV501	B-4		
		*Q509	C-3	RV502	C-3		

\*: B SIDE

—: UVW-1400/1400P ONLY

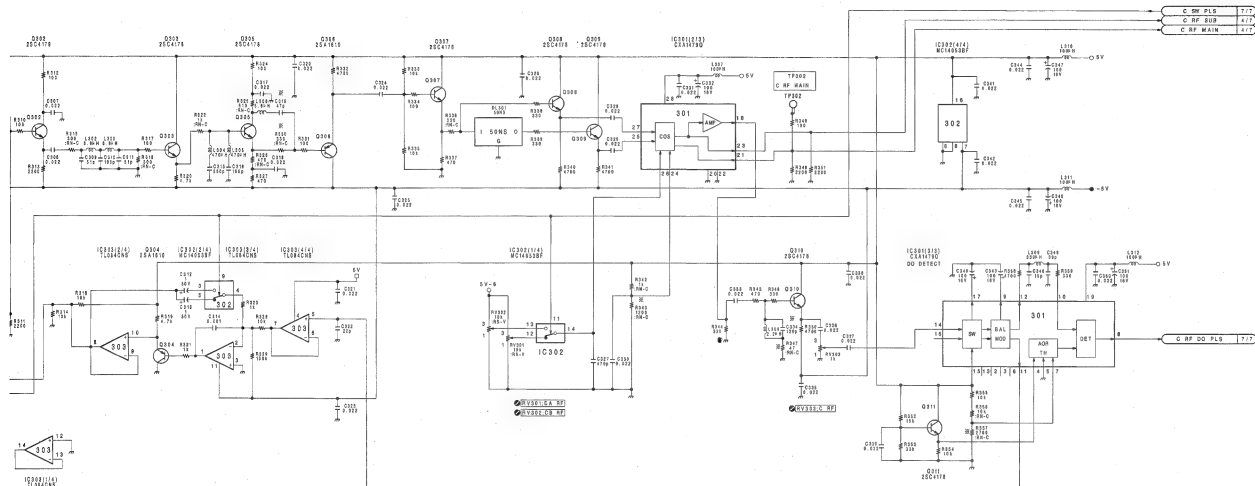
N: UVW-1400/1200 ONLY

P: UVW-1400P/1200P ONLY

△: 1-648-900-11 ONLY

⊙: 1-648-900-12,13 ONLY





\*

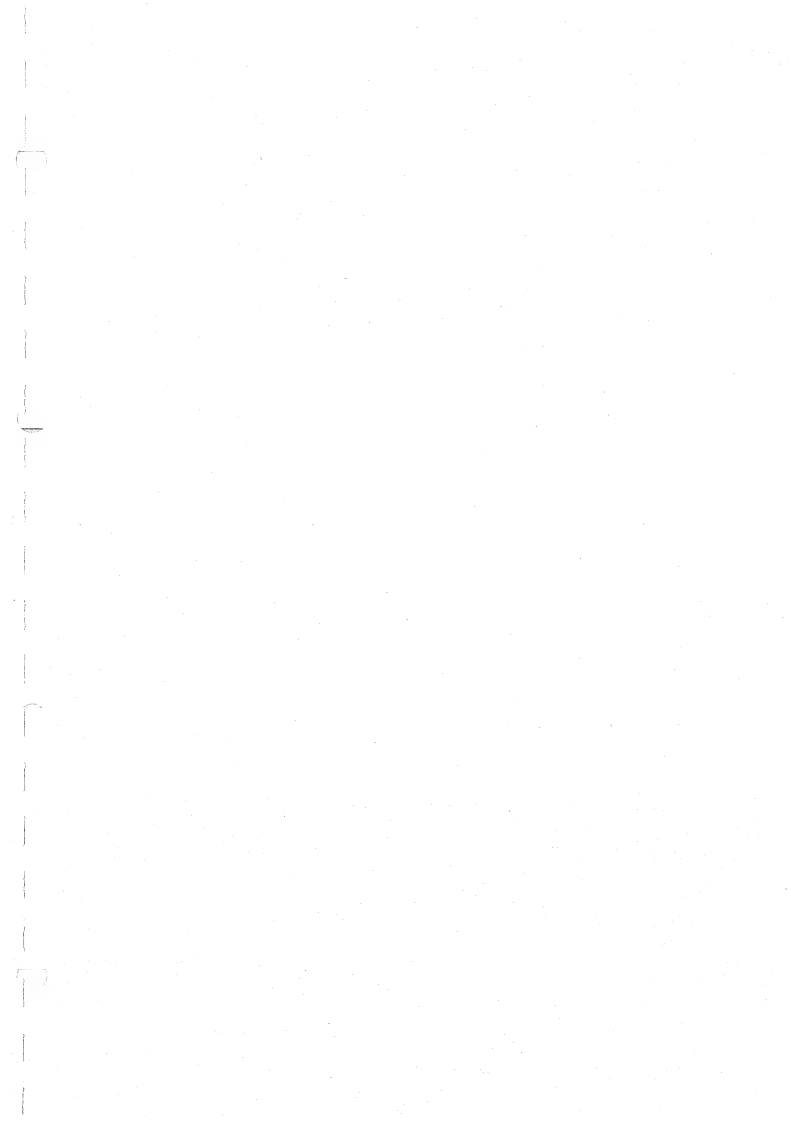
REF NO.	UVM-1400	UVM-1200
R101	J UC	EX
R102	J UC	EX
R103	J UC	EX
R104	J UC	EX
R105	J UC	EX
R106	J UC	EX

REF NO.	J UC	EX
C101	47P	47P
C102	47P	47P
C103	47P	47P
C104	47P	47P
C105	47P	47P
C106	47P	47P
C107	47P	47P

※ - Rn-C

# VP-44/44A VP-44P/44AP BOARD (3/7)

BOARD NO. 1-648-900-11, 12, 13  
 UVM-1400 (J) : #10001-  
 UVM-1400 (UC) : #10001-  
 UVM-1400P (EX) : #10001-  
 UVM-1200 (J) : #10001-  
 UVM-1200 (UC) : #10001-  
 UVM-1200P (EX) : #10001-





VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
⊙CN104	C-6	IC706	E-2	*Q511	C-2	RV504	B-4
CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
DL101	N-4	⊙Q51	B-5	*Q514	C-2	RV507	C-3
DL301	J-4	*Q101	N-5	*Q515	C-4	RV508	C-5
*D201	N-2	*Q102	N-4	*Q516	B-2	RV509	B-4
*D401	J-2	*Q103	N-5	*Q517	C-5	RV510	A-4
*D501	A-2	*Q104	N-4	*Q518	C-4	RV511	C-4
*D502	B-2	*Q105	N-4	*Q519	B-2	RV512	A-4
*D503	B-3	*Q106	N-3	*Q520	B-2	RV601	P-E-1
*D504	A-4	*Q107	N-3	*Q521	B-4	RV602	D-1
*D505	A-4	*Q108	N-4	*Q522	B-3	RV603	E-1
*D601	D-2	*Q109	N-4	*Q523	C-4	RV604	E-1
*D701	R-4	*Q110	P-4	*Q601	D-5	RV605	D-1
E101	P-6	*Q111	P-5	*Q602	E-5	RV606	D-1
E102	N-1	*Q112	P-5	O603	D-5	RV607	C-1
E201	R-1	*Q201	M-2	O604	E-5	RV701	F-1
E301	K-5	*Q202	N-1	O605	D-5	RV702	G-1
E401	G-2	*Q203	P-2	O606	E-5	RV703	F-1
E501	B-3	*Q204	N-2	O607	D-4	RV704	G-1
E502	B-6	*Q205	P-2	O608	E-4	RV705	F-3
E601	D-4	*Q206	P-2	O609	D-4	RV706	F-3
E602	D-2	*Q207	N-2	O610	E-4	RV707	F-3
FL201	M-1	*Q208	N-1	O611	D-4	RV708	G-3
FL401	H-1	*Q209	N-1	O612	E-4	RV709	F-2
FL601	E-1	*Q210	N-1	*Q613	F-5	RV710	F-2
IC101	P-4	*Q211	P-2	*Q614	F-5	TH201	P-2
IC102	M-5	*Q212	P-1	*Q615	F-5	TH401	J-2
IC103	N-5	*Q213	R-2	*Q616	D-2	*TH601	P-D-1
IC104	L-5	*Q214	R-2	*Q617	D-2	TP101	L-2
IC202	M-2	*Q215	P-1	*Q618	D-3	TP102	P-1
IC203	M-1	*Q216	N-2	*Q619	E-3	TP103	L-1
IC204	P-1	*Q217	M-2	*Q620	F-5	TP104	P-3
IC205	L-2	*Q218	M-2	*Q621	F-5	TP201	P-1
IC301	K-4	*Q219	M-2	*Q622	D-1	TP301	G-1
IC302	H-5	*Q220	M-2	*Q623	D-1	TP302	J-3
IC303	H-5	*Q301	J-4	*Q624	D-1	TP401	L-1
IC401	H-2	*Q302	J-4	*Q701	F-4	TP501	C-2
IC402	H-1	*Q303	H-4	*Q702	G-4		
IC403	K-1	*Q304	H-5	*Q703	F-3		
IC404	G-2	*Q305	H-4	*Q704	G-3		
IC501	B-2	*Q306	H-3	*Q705	F-3		
IC502	A-2	*Q307	J-3	*Q706	F-3		
IC503	B-2	*Q308	J-4	*Q707	F-3		
IC504	B-2	*Q309	J-4	*Q708	F-3		
IC505	B-2	*Q310	K-3	*Q709	F-3		
IC506	A-3	*Q311	K-5	*Q710	F-3		
IC507	B-5	*Q401	H-2	*Q711	G-3		
IC508	B-4	*Q402	J-1	*Q712	G-3		
IC509	A-5	*Q403	J-1	*Q713	F-3		
IC510	A-4	*Q404	J-2	*Q714	G-3		
IC511	A-3	*Q405	J-1	*Q715	F-3		
IC512	J-8	*Q406	J-1	*Q716	F-3		
IC513	G-6	*Q407	J-1	*Q717	F-2		
IC514	A-2	*Q408	J-1	*Q718	E-2		
IC515	N	*Q409	J-2	*Q719	F-2		
IC516	C-1	*Q410	J-1	*Q720	F-2		
IC601	E-5	*Q411	J-2	*Q721	F-2		
IC602	D-4	*Q412	J-2	*Q722	F-2		
IC603	D-3	*Q413	K-2	*Q723	G-2		
IC604	D-3	*Q414	K-2	*Q724	F-2		
IC605	D-3	*Q415	K-2	*Q725	F-2		
IC606	E-3	*Q416	J-2	*Q726	F-1		
IC607	D-2	*Q417	H-2	*Q727	F-1		
IC608	E-2	*Q418	H-2	RV101	L-1		
IC610	D-2	*Q501	A-1	RV102	K-1		
IC612	D-2	*Q502	A-1	RV103	P-4		
IC613	C-2	*Q503	A-1	RV201	M-3		
IC701	F-1	*Q504	A-1	RV301	J-1		
IC702	F-1	*Q505	B-1	RV302	H-1		
IC703	R-3	*Q506	B-1	RV303	K-4		
IC704	R-4	*Q507	C-2	RV401	H-3		
		*Q508	B-4	RV501	B-4		
		*Q509	C-3	RV502	C-3		

\*: B SIDE

—: UWW-1400/1400P ONLY

N: UWW-1400/1200 ONLY

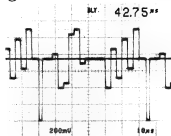
P: UWW-1400P/1200P ONLY

△: 1-648-900-11 ONLY

⊙: 1-648-900-12,13 ONLY

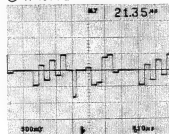
For J,UC

① TP401 PB

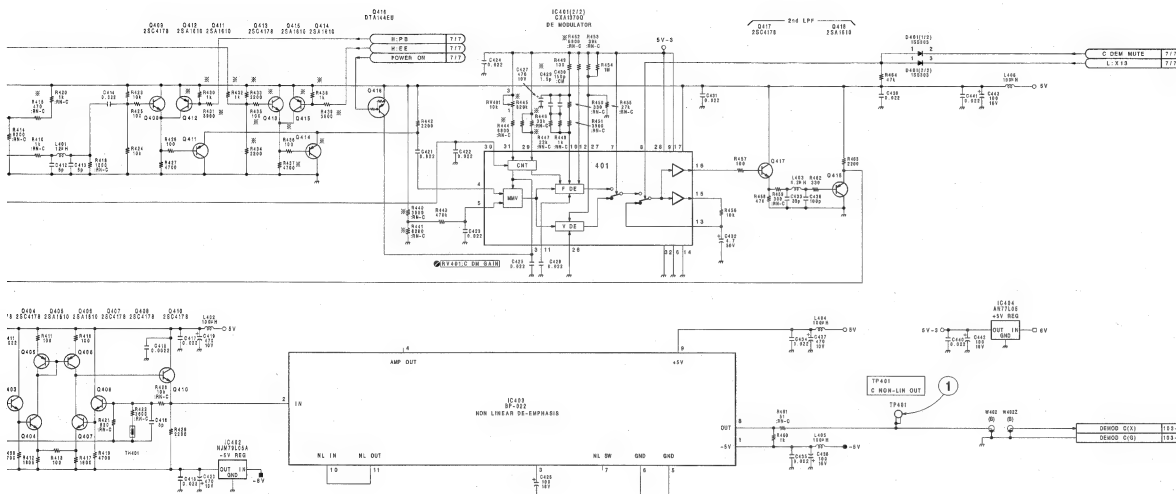


For EK

① TP401 PB







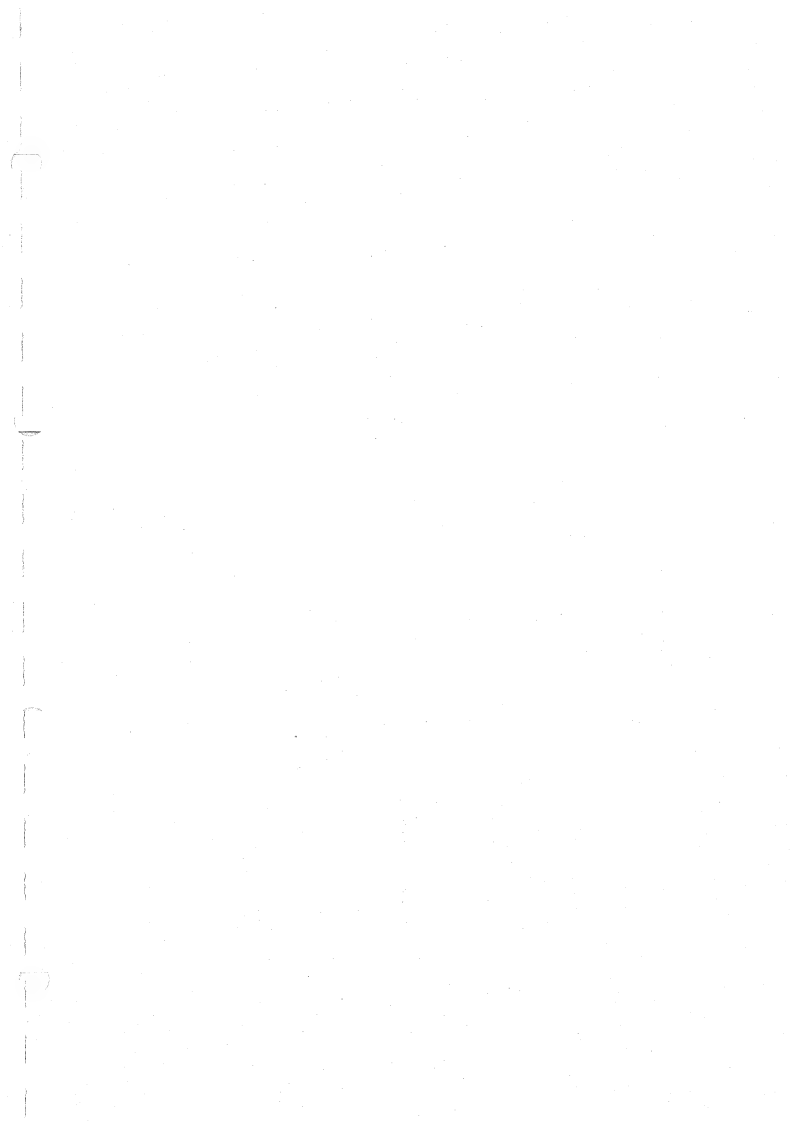
REF NO	UW-1000	UW-1000
U101	1000	N W
U102	1000	N W
U103	1000	N W
U104	1000	N W
U105	1000	N W
U106	1000	N W
U107	1000	N W
U108	1000	N W
U109	1000	N W
U110	1000	N W
U111	1000	N W
U112	1000	N W
U113	1000	N W
U114	1000	N W
U115	1000	N W
U116	1000	N W
U117	1000	N W
U118	1000	N W
U119	1000	N W
U120	1000	N W

REF NO	UW-1000	UW-1000
U101	1000	N W
U102	1000	N W
U103	1000	N W
U104	1000	N W
U105	1000	N W
U106	1000	N W
U107	1000	N W
U108	1000	N W
U109	1000	N W
U110	1000	N W
U111	1000	N W
U112	1000	N W
U113	1000	N W
U114	1000	N W
U115	1000	N W
U116	1000	N W
U117	1000	N W
U118	1000	N W
U119	1000	N W
U120	1000	N W

REF NO	UW-1000	UW-1000
U101	1000	N W
U102	1000	N W
U103	1000	N W
U104	1000	N W
U105	1000	N W
U106	1000	N W
U107	1000	N W
U108	1000	N W
U109	1000	N W
U110	1000	N W
U111	1000	N W
U112	1000	N W
U113	1000	N W
U114	1000	N W
U115	1000	N W
U116	1000	N W
U117	1000	N W
U118	1000	N W
U119	1000	N W
U120	1000	N W

# VP-44/44A VP-44P/44AP BOARD (4/7)

BOARD NO. 1-648-800-11, 12, 13  
UW-1400 (J) : #10001-  
UW-1400 (C) : #10001-  
UW-1400P (EX) : #10001-  
UW-1200 (J) : #10001-  
UW-1200 (C) : #10001-  
UW-1200P (EX) : #10001-



VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*O510	B-4	RV503	C-3
⊙ CN104	C-6	IC706	E-2	Q511	C-2	RV504	B-4
CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△ CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
				*Q514	C-2	RV507	C-3
DL101	N-4	⊙ Q51	B-5	Q515	C-4	RV508	C-5
DL301	J-4	*Q101	N-5	*Q516	B-2	RV509	B-4
		*Q102	N-4	*Q517	C-5	RV510	A-4
*D201	N-2	*Q103	N-5	*Q518	C-4	RV511	C-4
*D401	J-2	*Q104	N-4	*Q519	B-2	RV512	A-4
*D501	A-2	*Q105	N-4	*Q520	B-2	RV601	P E-1
*D502	B-2	*Q106	N-3	Q521	B-4	RV602	D-1
*D503	B-3	*Q107	N-3	Q522	B-3	RV603	E-1
*D504	A-4	*Q108	N-4	Q523	C-4	RV604	E-1
*D601	D-2	*Q109	N-4	*Q601	D-5	RV605	D-1
*D701	R-4	*Q110	P-4	*Q602	E-5	RV606	D-1
		*Q111	P-5	Q603	D-5	RV607	C-1
E101	P-6	*Q112	P-5	Q604	E-5	RV701	F-1
E102	N-1	*Q201	M-2	Q605	D-5	RV702	G-1
E201	R-1	*Q202	N-1	Q606	E-5	RV703	F-1
E301	K-5	*Q203	P-2	Q607	D-4	RV704	G-1
E401	G-2	*Q204	N-2	Q608	E-4	RV705	F-3
E501	B-3	*Q205	P-2	Q609	D-4	RV706	F-3
E502	B-6	*Q206	P-2	Q610	E-4	RV707	F-3
E601	D-4	*Q207	N-2	Q611	D-4	RV708	G-3
E602	D-2	*Q208	N-1	Q612	E-4	RV709	F-2
		*Q209	N-1	*Q613	F-5	RV710	F-2
FL201	M-1	*Q210	N-1	*Q614	F-5		
FL401	H-1	*Q211	P-2	*Q615	F-5	TH201	P-2
FL601	E-1	*Q212	P-1	*Q616	D-2	TH401	J-2
		*Q213	R-2	*Q617	D-2	*TH601	P D-1
IC101	P-4	*Q214	R-2	*Q618	D-3		
IC102	M-5	*Q215	P-1	*Q619	E-3	TP101	L-2
IC103	N-5	*Q216	N-2	*Q620	F-5	TP102	P-1
IC104	L-5	*Q217	M-2	*Q621	F-5	TP103	L-1
IC202	M-2	*Q218	M-2	*Q622	D-1	TP104	P-3
IC203	M-1	*Q219	M-2	*Q623	D-1	TP201	P-1
IC204	P-1	*Q220	M-2	*Q624	D-1	TP301	G-1
IC205	L-2	*Q301	J-4	*Q701	F-4	TP302	J-3
IC301	K-4	*Q302	J-4	*Q702	G-4	TP401	L-1
IC302	H-5	*Q303	H-4	*Q703	F-3	TP501	C-2
IC303	H-5	*Q304	H-5	*Q704	G-3		
IC401	H-2	*Q305	H-4	*Q705	F-3		
IC402	H-1	*Q306	H-3	*Q706	F-3		
IC403	K-1	*Q307	J-3	*Q707	F-3		
IC404	G-2	*Q308	J-4	*Q708	F-3		
IC501	B-2	*Q309	J-4	*Q709	F-3		
IC502	A-2	*Q310	K-3	*Q710	F-3		
IC504	B-2	*Q311	K-5	*Q711	G-3		
IC505	B-2	*Q401	H-2	*Q712	G-3		
IC506	A-3	*Q402	J-1	*Q713	F-3		
IC507	B-5	*Q403	J-1	*Q714	G-3		
IC508	B-4	*Q404	J-2	*Q715	F-3		
IC509	A-5	*Q405	J-1	*Q716	F-3		
IC510	A-4	*Q406	J-1	*Q717	F-2		
IC511	A-5	*Q407	J-1	Q718	E-2		
IC512	J-6	*Q408	J-1	Q719	F-2		
IC513	G-6	*Q409	J-2	*Q720	F-2		
IC514	A-2	*Q410	J-1	*Q721	F-2		
IC515	C-1	*Q411	J-2	Q722	F-2		
IC516	C-1	*Q412	J-2	Q723	G-2		
IC601	E-5	*Q413	K-2	*Q724	F-2		
IC602	D-4	*Q414	K-2	*Q725	F-2		
IC603	D-3	*Q415	K-2	*Q726	F-1		
IC604	D-3	*Q416	J-2	*Q727	F-1		
IC605	D-3	*Q417	H-2				
IC606	E-3	*Q418	H-2	RV101	L-1		
IC607	D-2	*Q501	A-1	RV102	K-1		
IC608	E-2	Q502	A-1	RV103	P-4		
IC610	D-2	Q503	A-1	RV201	M-3		
IC612	D-2	Q504	A-1	RV301	J-1		
IC613	C-2	Q505	B-1	RV302	H-1		
IC701	F-1	Q506	B-1	RV303	K-4		
IC702	F-1	Q507	C-2	RV401	H-3		
IC703	R-3	*Q508	B-4	RV501	B-4		
IC704	R-4	*Q509	C-3	RV502	C-3		

\* : B SIDE

\_ : UVW-1400/1400P ONLY

N : UVW-1400/1200 ONLY

P : UVW-1400P/1200P ONLY

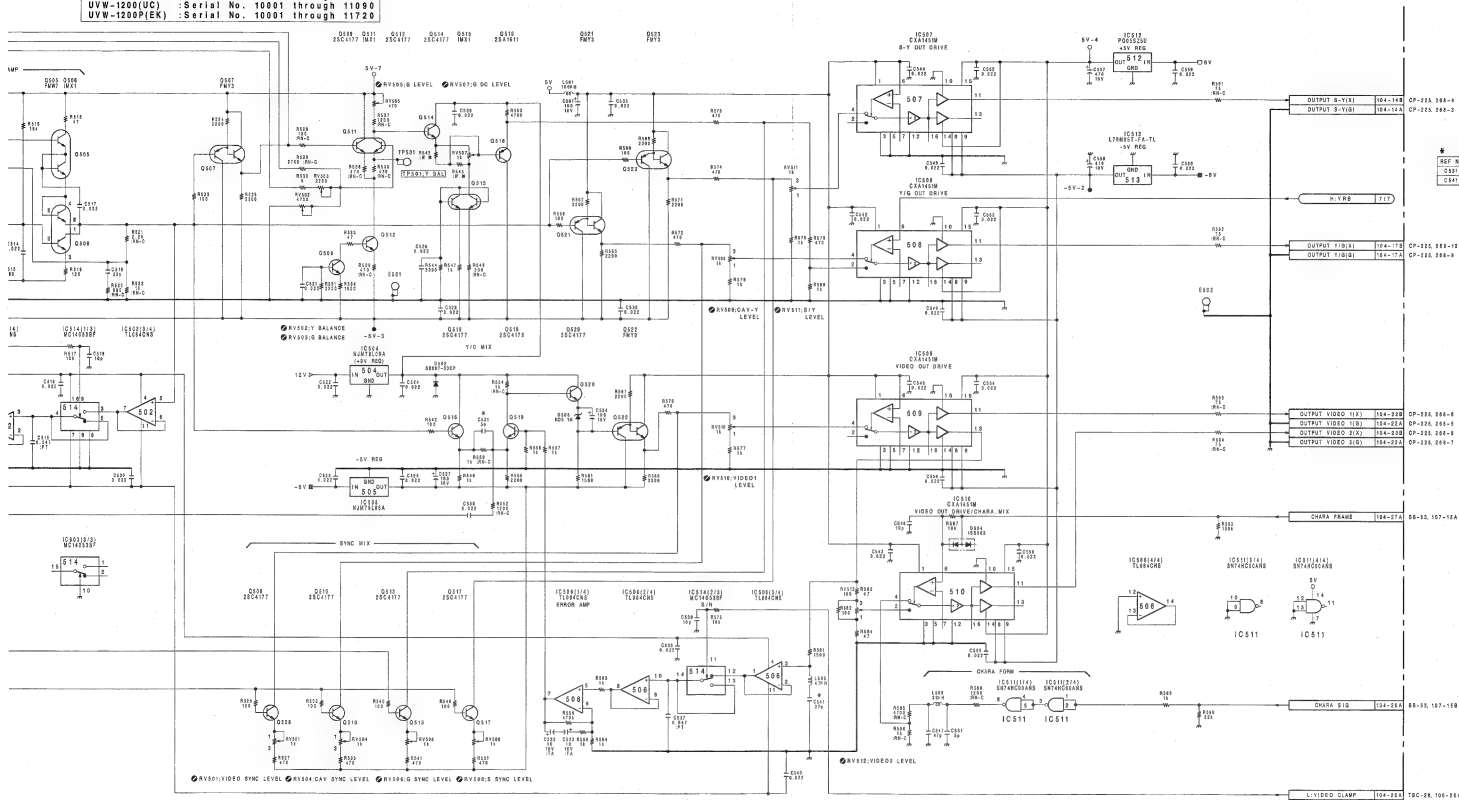
△ : 1-648-900-11 ONLY

⊙ : 1-648-900-12,13 ONLY



VC MIX

UVW-1400(J) : Serial No. 10001 through 10420  
 UVW-1400(UC) : Serial No. 10001 through 11050  
 UVW-1400P(EK) : Serial No. 10001 through 11490  
 UVW-1200(J) : Serial No. 10001 through 10350  
 UVW-1200(UC) : Serial No. 10001 through 11090  
 UVW-1200P(EK) : Serial No. 10001 through 11720



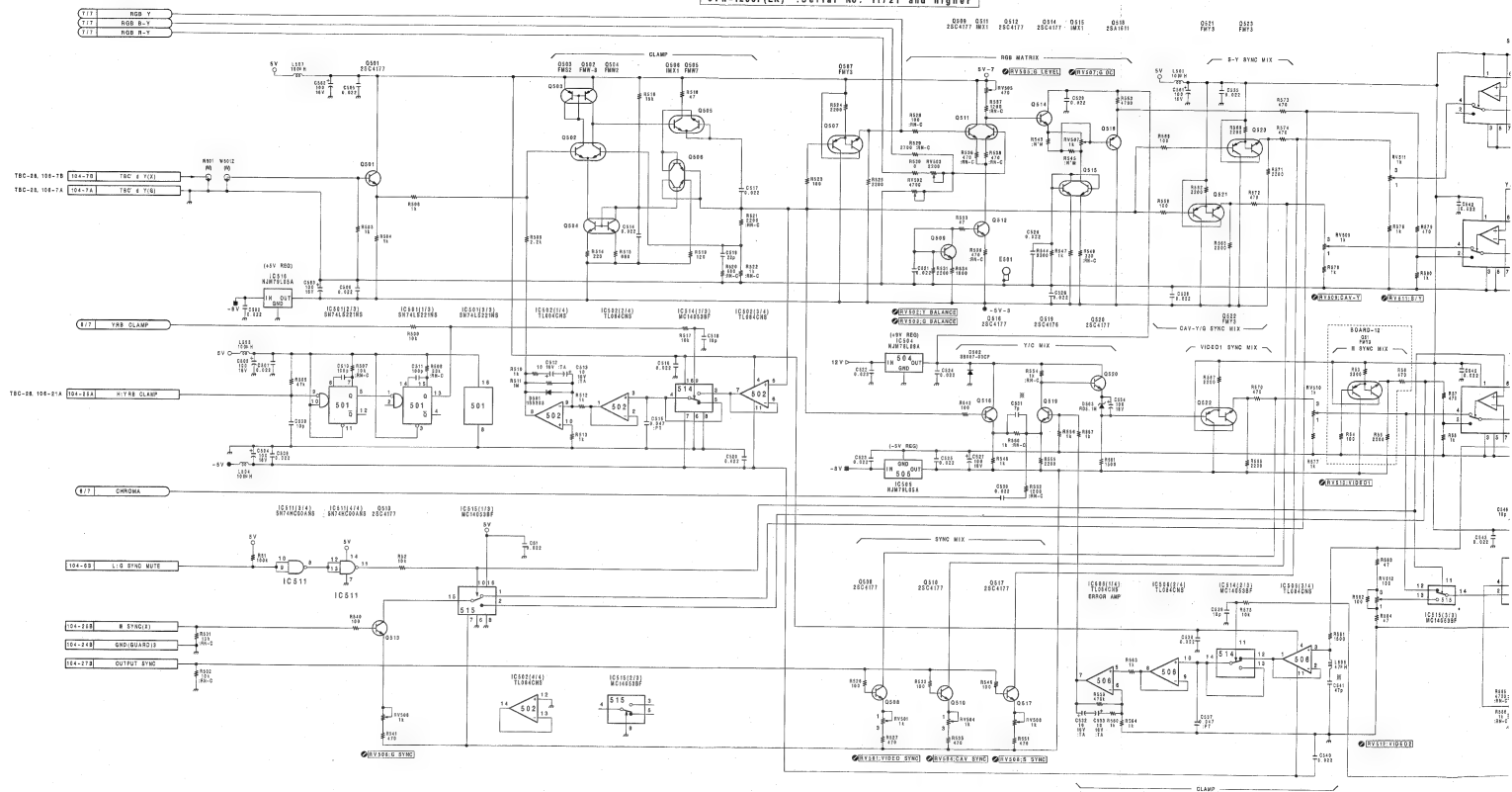
# VP-44/44A VP-44P/44AP BOARD (5/7)

BOARD NO. 1-648-900-11  
 UVW-1400 (J) : #10001-11420  
 UVW-1400 (UC) : #10001-11050  
 UVW-1400P (EK) : #10001-11490  
 UVW-1200 (J) : #10001-10350  
 UVW-1200 (UC) : #10001-11090  
 UVW-1200P (EK) : #10001-11720

16-121(a)

VP-44/44A/44P/44AP(5/7) ;Y(G)/S-Y OUT DRIVE, COMPOSITE OUT DRIVE CHARA/SYNC MIX

UVW-1400(J)	:Serial No.	10421	and higher
UVW-1400(UC)	:Serial No.	11051	and higher
UVW-1400P(EK)	:Serial No.	11491	and higher
UVW-1200(J)	:Serial No.	10351	and higher
UVW-1200(UC)	:Serial No.	11091	and higher
UVW-1200P(EK)	:Serial No.	11721	and higher



UVW-1400/1200  
UVW-1400P/1200P

16-121(b)

16-121(b)

A

B

C

D

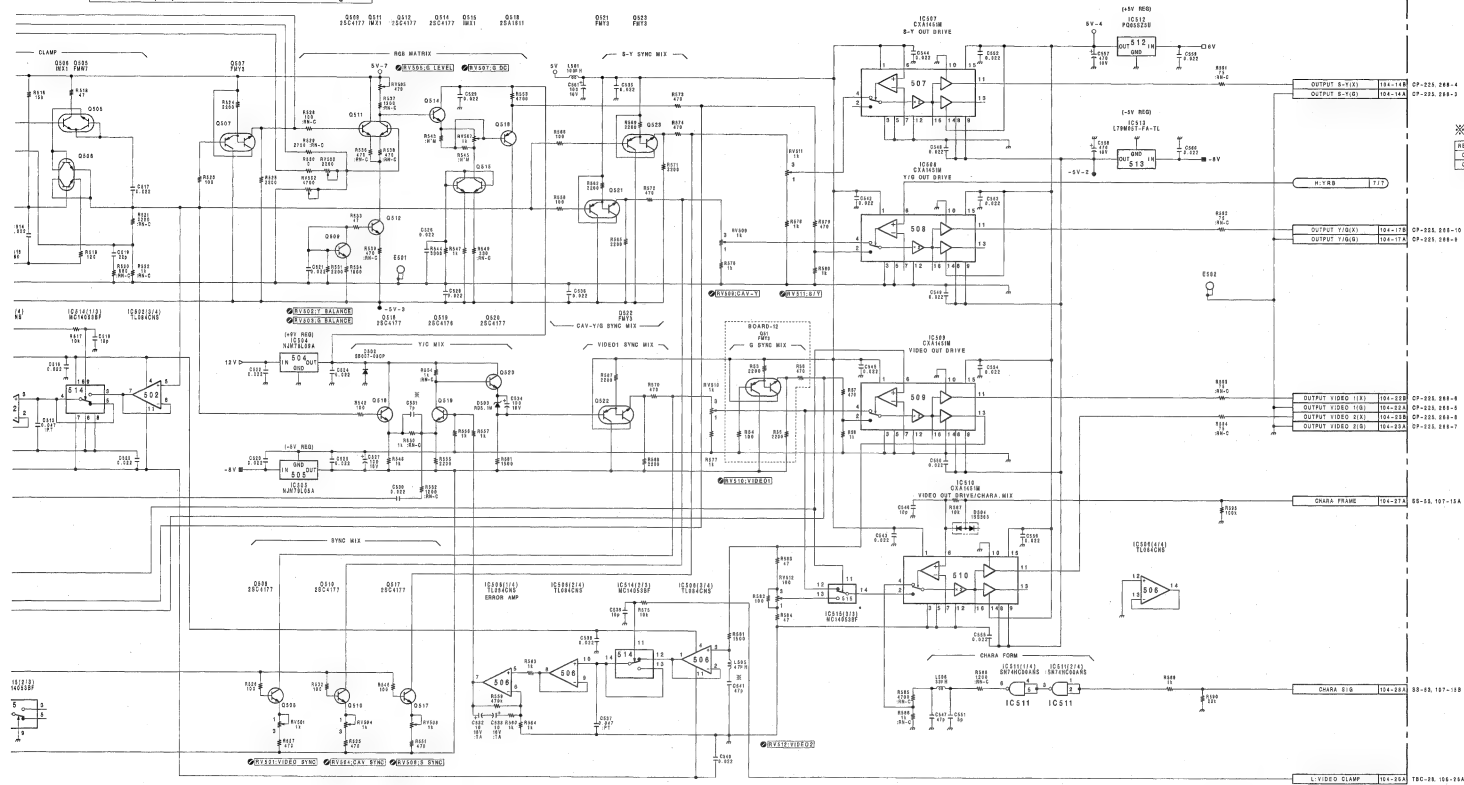
5

1



NC MIX

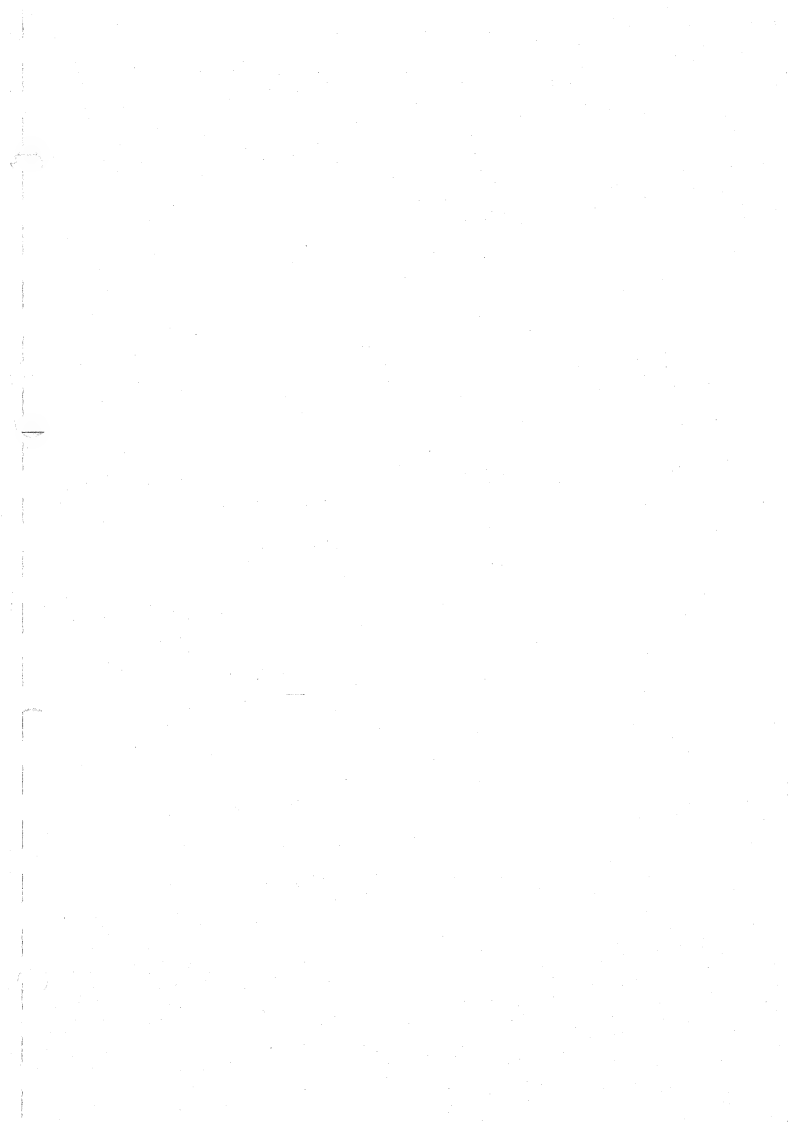
UVW-1400(J) : Serial No. 10421 and higher  
 UVW-1400(UC) : Serial No. 11051 and higher  
 UVW-1400(EK) : Serial No. 11091 and higher  
 UVW-1200(J) : Serial No. 10351 and higher  
 UVW-1200(UC) : Serial No. 11091 and higher  
 UVW-1200(EK) : Serial No. 11721 and higher



# VP-44/44A VP-44P/44AP BOARD (5/7)

BOARD NO. 1-648-900-12, 13  
 UVW-1400 (J) : #10421-  
 UVW-1400 (UC) : #11051-  
 UVW-1400P (EK) : #11491-  
 UVW-1200 (J) : #10351-  
 UVW-1200 (UC) : #11091-  
 UVW-1200P (EK) : #11721-

16-121(b)



VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
⊙ CN104	C-6	IC706	E-2	Q511	C-2	RV504	B-4
CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△ CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
DL101	N-4	⊙ Q51	B-5	*Q514	C-2	RV507	C-3
DL301	J-4	*Q101	N-5	*Q515	C-4	RV508	C-5
*D201	N-2	*Q102	N-4	*Q516	B-2	RV509	B-4
*D401	J-2	*Q103	N-4	*Q517	C-5	RV510	A-4
*D501	A-2	*Q104	N-4	*Q518	C-4	RV511	C-4
*D502	B-2	*Q105	N-4	*Q519	B-2	RV512	A-4
*D503	B-3	*Q106	N-3	*Q520	B-2	RV601	P E-1
*D504	A-4	*Q107	N-3	Q521	B-4	RV602	D-1
*D601	D-2	*Q108	N-4	Q522	B-3	RV603	E-1
*D701	R-4	*Q109	N-4	*Q601	D-5	RV604	E-1
E101	P-6	*Q110	P-4	*Q602	E-5	RV605	D-1
E102	N-1	*Q111	P-5	*Q603	D-5	RV606	D-1
E201	R-1	*Q112	P-5	Q604	E-5	RV607	C-1
E301	K-5	*Q201	M-2	Q605	D-5	RV701	F-1
E401	Q-2	*Q202	N-1	Q606	E-5	RV702	G-1
E501	B-3	*Q203	P-2	Q607	D-4	RV703	F-1
E502	B-6	*Q204	N-2	Q608	E-4	RV704	G-1
E601	D-4	*Q205	P-2	Q609	D-4	RV705	F-3
E602	D-2	*Q206	P-2	C610	E-4	RV706	F-3
FL201	M-1	*Q207	N-2	C611	D-4	RV707	F-3
FL401	H-1	*Q208	N-1	C612	E-4	RV708	G-3
FL601	E-1	*Q209	N-1	*C613	F-5	RV709	F-2
IC101	P-4	*Q210	N-1	*C614	P F-5	RV710	F-2
IC102	M-5	*Q211	P-2	*C615	F-5	TH201	P-2
IC103	N-5	*Q212	P-1	*C616	D-2	TH401	J-2
IC104	L-5	*Q213	R-2	*C617	D-2	*TH601	P D-1
IC202	M-2	*Q214	R-2	*C618	D-3	TP101	L-2
IC203	M-1	*Q215	P-1	*C619	E-3	TP102	P-1
IC204	P-1	*Q216	N-2	*C620	F-5	TP103	L-1
IC205	L-2	*Q217	M-2	*C621	F-5	TP104	P-3
IC301	K-4	*Q218	M-2	*C622	D-1	TP201	P-1
IC302	H-5	*Q219	M-2	*C623	D-1	TP301	G-1
IC303	H-5	*Q220	M-2	*C624	D-1	TP302	J-3
IC401	H-2	*Q301	J-4	*Q701	F-4	TP401	L-1
IC402	H-1	*Q302	J-4	*Q702	G-4	TP501	C-2
IC403	K-1	*Q303	H-4	*Q703	F-3		
IC404	G-2	*Q304	H-5	*Q704	G-3		
IC501	B-2	*Q305	H-4	*Q705	F-3		
IC502	A-2	*Q306	H-3	*Q706	F-3		
IC504	B-2	*Q307	J-3	*Q707	F-3		
IC505	B-2	*Q308	J-4	*Q708	F-3		
IC508	A-3	*Q309	J-4	*Q709	F-3		
IC507	B-5	*Q310	K-3	*Q710	F-3		
IC508	B-4	*Q311	K-5	*Q711	G-3		
IC509	A-5	*Q401	H-2	*Q712	G-3		
IC510	A-4	*Q402	J-1	*Q713	F-3		
IC511	A-5	*Q403	J-1	*Q714	G-3		
IC512	J-6	*Q404	J-2	*Q715	F-3		
IC513	G-6	*Q405	J-1	*Q716	F-3		
IC514	A-2	*Q406	J-1	*Q717	F-2		
IC515	N C-1	*Q407	J-1	Q718	E-2		
IC516	C-1	*Q408	J-1	Q719	F-2		
IC601	E-5	*Q409	J-2	*Q720	F-2		
IC602	D-4	*Q410	J-1	*Q721	F-2		
IC603	D-3	*Q411	J-2	Q722	F-2		
IC604	D-3	*Q412	J-2	Q723	G-2		
IC605	D-3	*Q413	K-2	*Q724	F-2		
IC606	E-3	*Q414	K-2	*Q725	F-2		
IC607	D-2	*Q415	K-2	*Q726	F-1		
IC608	E-2	*Q416	J-2	*Q727	F-1		
IC610	D-2	*Q417	H-2				
IC612	D-2	*Q418	H-2	RV101	L-1		
IC613	C-2	*Q501	A-1	RV102	K-1		
IC701	F-1	*Q502	A-1	RV103	P-4		
IC702	F-1	Q503	A-1	RV201	M-3		
IC703	R-3	*Q504	A-1	RV301	J-1		
IC704	R-4	*Q505	B-1	RV302	H-1		
			B-1	RV303	K-4		
			C-2	RV401	H-3		
			B-4	RV501	B-4		
			C-3	RV502	C-3		

\* : B SIDE

— : UVW-1400/1400P ONLY

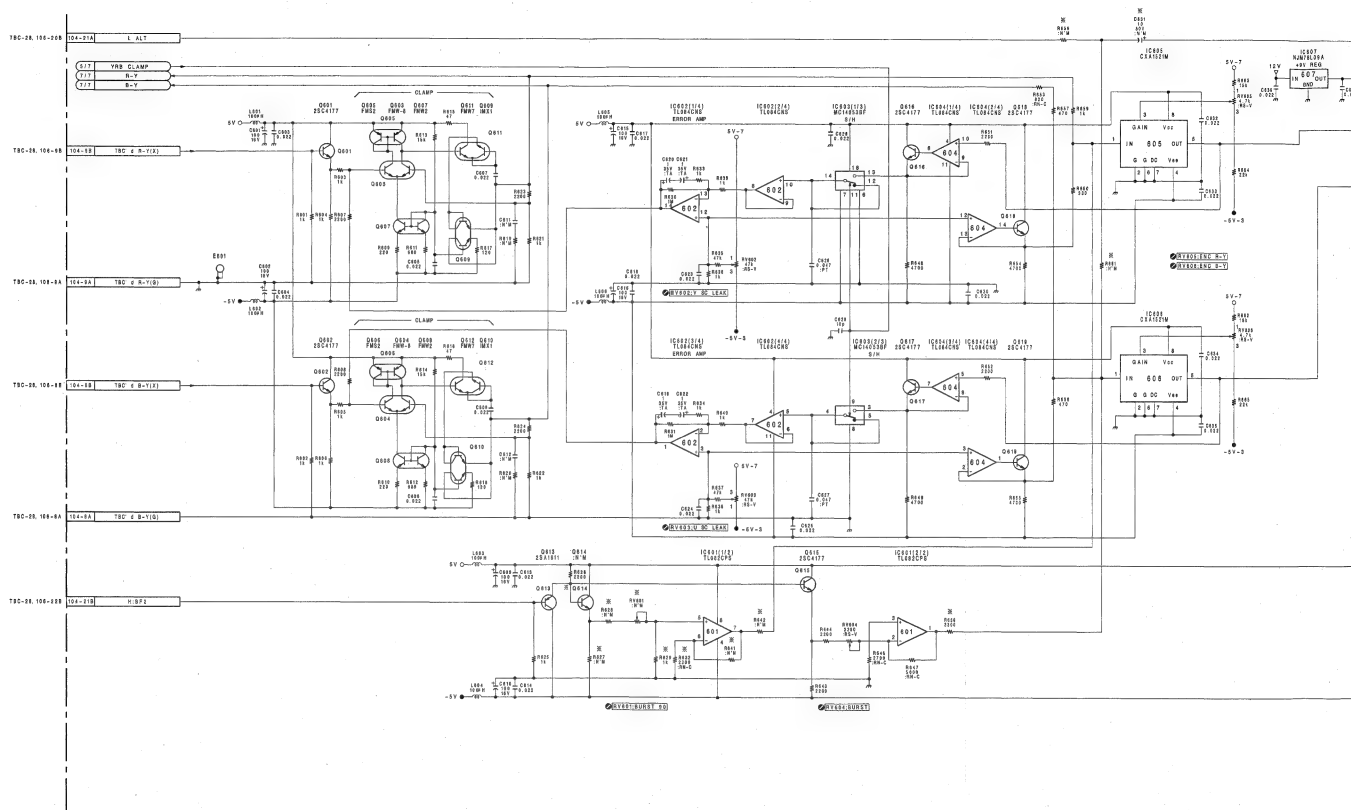
N : UVW-1400/1200 ONLY

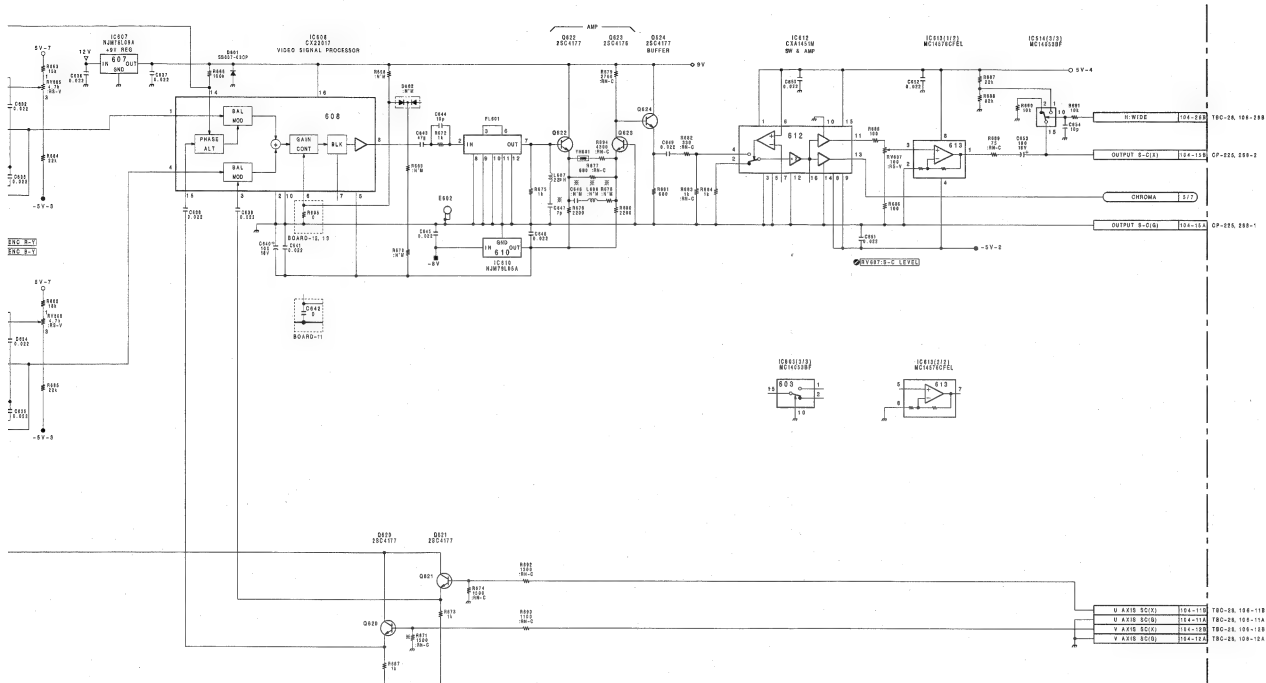
P : UVW-1400P/1200P ONLY

△ : 1-648-900-11 ONLY

⊙ : 1-648-900-12,13 ONLY

## VP-44/44A/44P/44AP(6/7); ENCODE, S-C OUT DRIVE





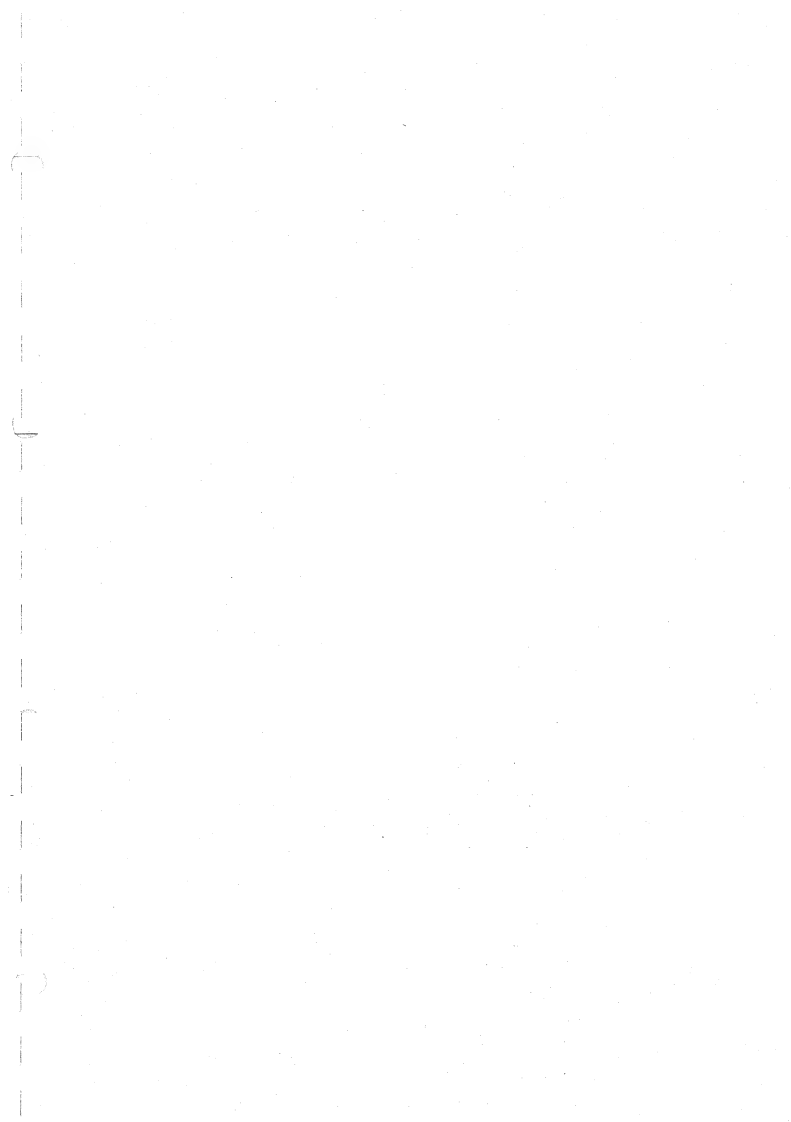
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REF NO	Q	UC	EX
CR01	N	W	1815V
CR02	N	W	1815V
CR03	N	W	1815V
CR04	N	W	1815V
CR05	N	W	1815V
CR06	N	W	1815V
CR07	N	W	1815V
CR08	N	W	1815V
CR09	N	W	1815V
CR10	N	W	1815V
CR11	N	W	1815V
CR12	N	W	1815V
CR13	N	W	1815V
CR14	N	W	1815V
CR15	N	W	1815V
CR16	N	W	1815V
CR17	N	W	1815V
CR18	N	W	1815V
CR19	N	W	1815V
CR20	N	W	1815V
CR21	N	W	1815V
CR22	N	W	1815V
CR23	N	W	1815V
CR24	N	W	1815V
CR25	N	W	1815V
CR26	N	W	1815V
CR27	N	W	1815V
CR28	N	W	1815V
CR29	N	W	1815V
CR30	N	W	1815V
CR31	N	W	1815V
CR32	N	W	1815V
CR33	N	W	1815V
CR34	N	W	1815V
CR35	N	W	1815V
CR36	N	W	1815V
CR37	N	W	1815V
CR38	N	W	1815V
CR39	N	W	1815V
CR40	N	W	1815V
CR41	N	W	1815V
CR42	N	W	1815V
CR43	N	W	1815V
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CR46	N	W	1815V
CR47	N	W	1815V
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CR80	N	W	1815V
CR81	N	W	1815V
CR82	N	W	1815V
CR83	N	W	1815V
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CR91	N	W	1815V
CR92	N	W	1815V
CR93	N	W	1815V
CR94	N	W	1815V
CR95	N	W	1815V
CR96	N	W	1815V
CR97	N	W	1815V
CR98	N	W	1815V
CR99	N	W	1815V
CR100	N	W	1815V

※-8A-C

VP-44/44A  
VP-44P/44AP BOARD (6/7)

BOARD NO. 1-648-900-11, 12, 13  
UVW-1400 (J) #10001-  
UVW-1400 (UC) #10001-  
UVW-1400P (ER) #10001-  
UVW-1200 (J) #10001-  
UVW-1200 (UC) #10001-  
UVW-1200P (ER) #10001-



VP-44/44A/44P/44AP (1-648-900-11,12,13)

CN103	N-6	IC705	R-4	*Q510	B-4	RV503	C-3
○ CN104	C-6	IC706	E-2	Q511	C-2	RV504	B-4
△ CN105	R-5	IC707	E-1	*Q512	C-2	RV505	C-3
△ CN601	C-6	IC708	F-5	*Q513	B-5	RV506	B-5
DL101	N-4	○ Q51	B-5	*Q514	C-2	RV507	C-3
DL301	J-4	*Q101	N-5	Q515	C-4	RV508	C-5
*D201	N-2	*Q102	N-4	*Q516	B-2	RV509	B-4
*D401	J-2	*Q103	N-5	*Q517	C-5	RV510	A-4
*D501	A-2	*Q104	N-4	*Q518	C-4	RV511	C-4
*D502	B-2	*Q105	N-4	*Q519	B-2	RV512	A-4
*D503	B-3	*Q106	N-3	*Q520	B-2	RV601	P E-1
*D504	A-4	*Q107	N-3	Q521	B-4	RV602	D-1
*D601	D-2	*Q108	N-4	Q522	B-3	RV603	E-1
*D701	R-4	*Q109	N-4	Q523	C-4	RV604	E-1
E101	P-6	*Q110	P-4	*Q601	D-5	RV605	D-1
E102	N-1	*Q111	P-5	*Q602	E-5	RV606	D-1
E201	R-1	*Q112	P-5	Q603	D-5	RV607	C-1
E301	K-5	*Q201	M-2	Q604	E-5	RV701	F-1
E401	G-2	*Q202	N-1	Q605	D-5	RV702	G-1
E501	B-3	*Q203	P-2	Q606	E-5	RV703	F-1
E502	B-6	*Q204	N-2	Q607	D-4	RV704	G-1
E601	D-4	*Q205	P-2	Q608	E-4	RV705	F-3
E602	D-2	*Q206	P-2	Q609	D-4	RV706	F-3
FL201	M-1	*Q207	N-2	Q610	E-4	RV707	F-3
FL401	H-1	*Q208	N-1	Q611	D-4	RV708	G-3
FL601	E-1	*Q209	N-1	Q612	E-4	RV709	F-2
IC101	P-4	*Q210	N-1	*Q613	F-5	RV710	F-2
IC102	M-5	*Q211	P-2	*Q614	P F-5	TH201	P-2
IC103	N-5	*Q212	P-1	*Q615	F-5	TH401	J-2
IC104	L-5	*Q213	R-2	*Q616	D-2	*TH601	P D-1
IC202	M-2	*Q214	R-2	*Q617	D-2	TP101	L-2
IC203	M-1	*Q215	P-1	*Q618	D-3	TP102	P-1
IC204	P-1	*Q216	N-2	*Q619	E-3	TP103	L-1
IC205	L-2	*Q217	M-2	*Q620	F-5	TP104	P-3
IC301	K-4	*Q218	M-2	*Q621	F-5	TP201	P-1
IC302	H-5	*Q219	M-2	*Q622	D-1	TP301	G-1
IC303	H-5	*Q220	M-2	*Q623	D-1	TP401	L-1
IC401	H-2	*Q301	J-4	*Q624	D-1	TP501	C-2
IC402	H-1	*Q302	J-4	*Q701	F-4		
IC403	K-1	*Q303	H-4	*Q702	G-4		
IC404	G-2	*Q304	H-5	*Q703	F-3		
IC501	B-2	*Q305	H-4	*Q704	G-3		
IC502	A-2	*Q306	H-3	*Q705	F-3		
IC504	B-2	*Q307	J-3	*Q706	F-3		
IC505	B-2	*Q308	J-4	*Q707	F-3		
IC506	A-3	*Q309	J-4	*Q708	F-3		
IC507	B-5	*Q310	K-3	*Q709	F-3		
IC508	B-4	*Q311	K-5	*Q710	F-3		
IC509	A-5	*Q401	H-2	*Q711	G-3		
IC510	A-4	*Q402	J-1	*Q712	G-3		
IC511	A-5	*Q403	J-1	*Q713	F-3		
IC512	J-6	*Q404	J-2	*Q714	G-3		
IC513	G-6	*Q405	J-1	*Q715	F-3		
IC514	A-2	*Q406	J-1	*Q716	F-3		
IC515	N C-1	*Q407	J-1	*Q717	F-2		
IC516	C-1	*Q408	J-1	Q718	E-2		
IC601	E-5	*Q409	J-2	Q719	F-2		
IC602	D-4	*Q410	J-1	*Q720	F-2		
IC603	D-3	*Q411	J-2	*Q721	F-2		
IC604	D-3	*Q412	J-2	Q722	F-2		
IC605	D-3	*Q413	K-2	Q723	G-2		
IC606	E-3	*Q414	K-2	*Q724	F-2		
IC607	D-2	*Q415	K-2	*Q725	F-2		
IC610	D-2	*Q416	J-2	*Q726	F-1		
IC612	D-2	*Q417	H-2	*Q727	F-1		
IC613	C-2	*Q418	H-2	RV101	L-1		
IC701	F-1	*Q501	A-1	RV102	K-1		
IC702	F-1	Q502	A-1	RV103	P-4		
IC703	R-3	Q503	A-1	RV201	M-3		
IC704	R-4	Q504	A-1	RV301	J-1		
		Q505	B-1	RV302	H-1		
		Q506	B-1	RV303	K-4		
		Q507	C-2	RV401	H-3		
		*Q508	B-4	RV501	B-4		
		*Q509	C-3	RV502	C-3		

\* : B SIDE

— : UVV-1400/1400P ONLY

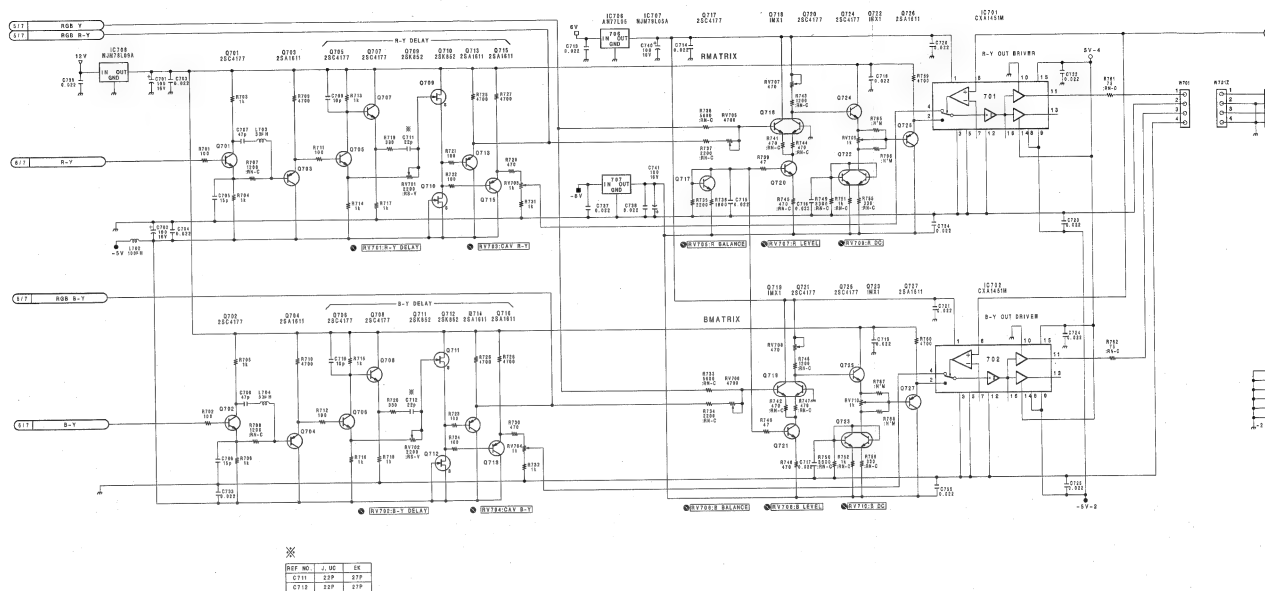
N : UVV-1400/1200 ONLY

P : UVV-1400P/1200P ONLY

△ : 1-648-900-11 ONLY

○ : 1-648-900-12,13 ONLY

VP-44/44A/44P/44AP(7/7);R-Y(R)/B-Y(B) OUT DRIVE

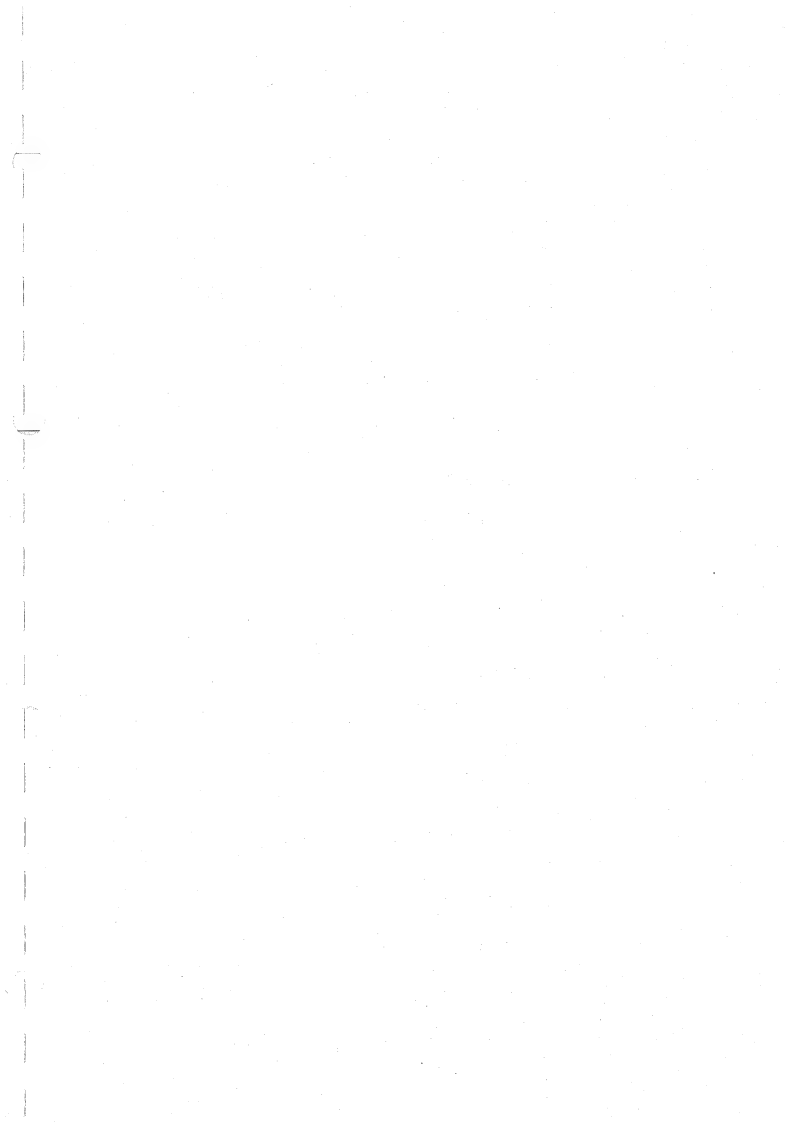






BOARD NO. 1-648-900-11, 12, 13

UVW-1400 (J)	#10001-
UVW-1400 (UC)	#10001-
UVW-1400P (EK)	#10001-
UVW-1200 (J)	#10001-
UVW-1200 (UC)	#10001-
UVW-1200P (EK)	#10001-



VRA-5A/5AP(1-648-898-22)

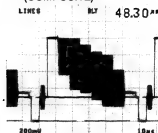
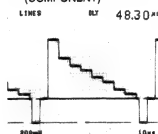
CN101	N-6	IC502	R-5	*Q316	F-5	RV702	B-4
CN102	C-6	IC601	L-4	*Q317	F-5	RV703	C-4
CV301	F-5	IC602	M-4	*Q318	E-5		
		IC701	A-4	*Q319	K-3	S201	H-4
*D101	B-3	IC702	A-5	*Q320	J-3		
*D102	C-3	IC703	H-2	*Q321	J-4	TH201	N M-1
*D109	D-4	IC704	F-4	*Q322	J-4		
*D202	H-4	IC705	G-4	*Q323	J-4	TP101	A-3
*D301	E-4	IC706	G-4	*Q324	F-4	TP201	C-2
*D302	P	IC801	G-4	*Q325	F-4	TP202	C-1
*D303	F-4	IC802	N D-2	*Q358	N-2	TP301	E-3
D305	F-5	IC901	K-6	*Q509	P-2	TP302	E-4
D306	J-3	IC902	G-6	*Q510	R-4	TP303	H-1
*D701	A-4	IC903	J-6	*Q511	N-3	TP304	L-5
D801	N A-2	IC904	E-6	*Q512	P-4	TP305	K-4
				*Q513	P-4	TP306	J-4
				*Q514	P-4	TP307	J-5
E101	B-4	LV301	E-4	*Q515	P-4	TP308	N-5
E201	E-2			*Q516	N-4	TP309	N-5
E301	K-3	*Q101	A-3	*Q517	N-4	TP310	F-5
E302	D-3	Q102	A-5	*Q518	P-4	TP501	R-4
E303	H-1	*Q103	A-3	*Q519	P-5	TP502	P-1
E501	R-5	Q104	A-4	*Q520	P-5	TP503	P-5
E502	N-1	*Q105	A-3	*Q601	L-2	TP504	N-4
E601	M-1	*Q106	A-3	*Q602	M-2	TP601	N-4
		Q107	A-3	*Q603	N-4	TP602	M-1
FB201	K-2	*Q108	A-1	*Q604	M-4	TP603	P-5
		*Q109	B-2	*Q605	M-4		
FL101	A-2	*Q110	B-2	*Q606	L-4	X301	F-4
FL102	B-3	*Q111	B-1	*Q607	M-4	X302	H-4
FL103	C-3	*Q112	C-1	*Q608	L-4		
FL201	R-2	*Q113	C-2	*Q609	M-5		
FL202	N-2	*Q114	B-4	*Q610	M-5		
		*Q115	B-4	Q701	A-6		
IC101	A-3	*Q116	B-3	Q702	A-5		
IC102	C-2	*Q117	B-3	*Q703	B-5		
IC103	D-4	*Q118	B-3	Q704	B-5		
IC104	G-5	*Q119	B-3	*Q705	B-5		
IC201	A-1	*Q120	B-2	*Q706	B-5		
IC202	B-1	*Q121	C-4	*Q707	B-4		
IC203	A-1	*Q122	C-4	*Q708	C-5		
IC205	D-2	*Q123	C-4	Q709	C-5		
IC206	D-1	*Q124	C-3	*Q710	C-5		
IC207	H-1	*Q125	C-3	*Q711	C-5		
IC208	E-1	*Q126	C-3	*Q712	C-4		
IC209	E-2	*Q127	C-3	Q713	A-5		
IC210	G-2	*Q128	C-3	Q714	A-5		
IC211	H-1	*Q129	C-2	*Q715	A-6		
IC212	J-2	*Q130	C-2	*Q716	A-6		
IC213	P-1	*Q131	B-5	*Q717	A-4		
IC214	M-2	*Q132	C-5	Q801	N A-2		
IC215	P-2	*Q133	A-2	Q802	N A-2		
IC216	K-2	*Q201	C-1	Q803	N A-2		
IC218	N K-1	*Q202	H-1	Q804	N D-3		
IC219	N J-1	*Q203	H-4				
IC220	M-2	*Q204	P-2	RV101	B-2		
IC301	E-4	*Q207	R-2	RV102	B-3		
IC302	H-3	*Q209	N-2	RV103	C-4		
IC303	E-5	Q210	R-2	RV104	C-3		
IC304	E-5	*Q211	K-2	RV105	A-2		
IC305	F-4	*Q212	R-1	RV201	P-1		
IC306	K-4	*Q213	M-3	RV202	N-1		
IC307	F-3	*Q301	D-3	RV203	M-1		
IC308	J-3	*Q303	E-3	RV301	E-3		
IC309	J-3	*Q305	E-3	RV302	K-1		
IC310	G-3	*Q306	E-3	RV303	L-1		
IC311	J-4	*Q307	E-3	RV304	P-1		
IC312	L-2	*Q308	J-4	RV305	L-1		
IC313	G-5	*Q309	J-4	RV306	K-5		
IC314	L-1	*Q310	F-3	RV501	R-1		
IC315	K-5	*Q311	F-3	RV502	R-4		
IC316	H-4	*Q312	K-3	RV503	R-4		
IC317	F-3	*Q313	E-4	RV602	M-4		
IC501	P-4	*Q314	E-4	RV603	M-4		
		*Q315	J-3	RV701	A-4		

\* : B SIDE

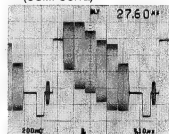
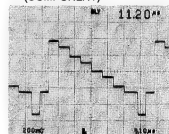
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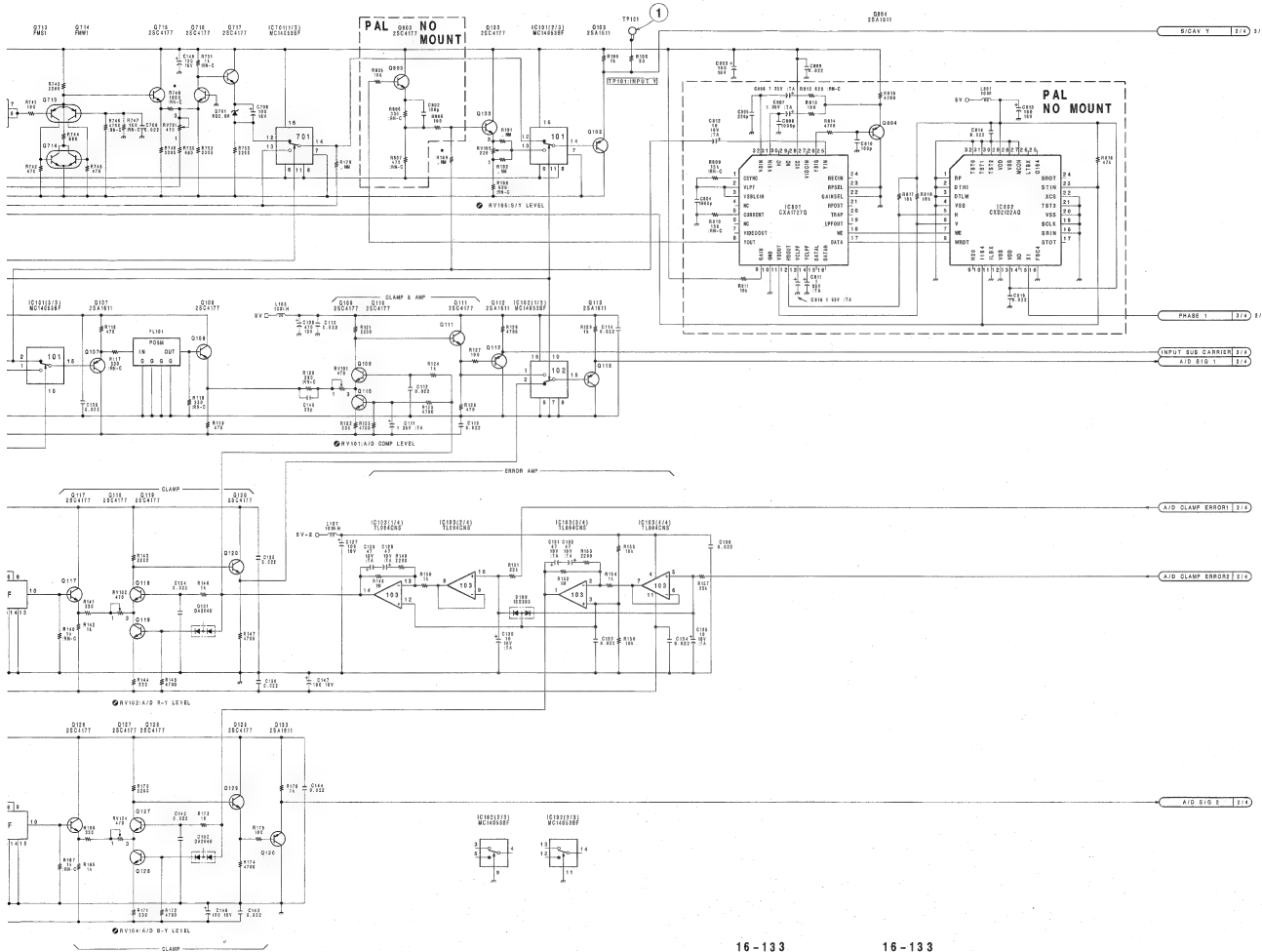
For J,UC

① TP101 REC/EE  
(COMPOSITE)① TP101 REC/EE  
(COMPONENT)

For EK

① TP101 REC/EE  
(COMPOSITE)① TP101 REC/EE  
(COMPONENT)





REF NO.	WTD	PAL
C101	22P	10P
C102	22P	10P
R101	NO W T	100
R102	10 K	100
R103	10 K	100
R104	10 K	100

REF NO.	WTD	PAL
C101	100P	NO W T
C102	100P	NO W T
C103	100P	NO W T
C104	100P	NO W T
C105	100P	NO W T
C106	100P	NO W T
C107	100P	NO W T
C108	100P	NO W T
C109	100P	NO W T
C110	100P	NO W T
C111	100P	NO W T
C112	100P	NO W T
C113	100P	NO W T
C114	100P	NO W T
C115	100P	NO W T
C116	100P	NO W T
C117	100P	NO W T
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C120	100P	NO W T
C121	100P	NO W T
C122	100P	NO W T
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C124	100P	NO W T
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C147	100P	NO W T
C148	100P	NO W T
C149	100P	NO W T
C150	100P	NO W T

REF NO.	WTD	PAL
C101	100P	NO W T
C102	100P	NO W T
C103	100P	NO W T
C104	100P	NO W T
C105	100P	NO W T
C106	100P	NO W T
C107	100P	NO W T
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C146	100P	NO W T
C147	100P	NO W T
C148	100P	NO W T
C149	100P	NO W T
C150	100P	NO W T

REF NO.	CHANGED INFORMATION	SERIAL NO.
R101	10 K	UVM-1400 (J) #10001- UVM-1400 (K) #10001- UVM-1400 (L) #10001- UVM-1400 (M) #10001- UVM-1400 (N) #10001- UVM-1400 (O) #10001- UVM-1400 (P) #10001-

VRA-5A/5AP BOARD (1/4)  
BOARD NO. 1-648-898-22  
UVM-1400 (J) #10001-  
UVM-1400 (K) #10001-  
UVM-1400 (L) #10001-  
UVM-1400 (M) #10001-  
UVM-1400 (N) #10001-  
UVM-1400 (O) #10001-  
UVM-1400 (P) #10001-



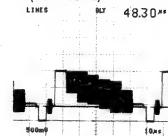
VRA-5A/5AP(1-648-898-22)

CN101	N-6	IC502	R-5	*Q316	F-5	RV702	B-4
CN102	C-6	IC601	L-4	*Q317	F-5	RV703	C-4
CV301	F-5	IC602	M-4	*Q318	E-5	S201	H-4
		IC701	A-4	*Q319	K-3		
		IC702	A-5	*Q320	J-3		
*D101	B-3	IC703	H-2	*Q321	J-4	TH201	N M-1
*D102	C-3	IC704	F-4	*Q322	J-4		
*D103	D-4	IC705	G-4	*Q323	J-4	TP101	A-3
*D202	H-4	IC706	G-4	*Q324	F-4	TP201	C-2
*D301	E-3	IC707	G-4	*Q325	F-4	TP202	C-1
*D302	E-3	IC801	D-3	*Q326	N-2	TP301	E-3
*D303	F-4	IC802	N D-2	*Q509	P-2	TP302	E-4
D305	F-5	IC901	K-6	*Q510	R-4	TP303	H-1
D306	J-3	IC902	G-6	*Q511	N-3	TP304	L-5
*D701	A-4	IC903	J-6	*Q512	P-4	TP305	K-4
D801	N A-2	IC904	E-6	*Q513	P-4	TP306	J-4
				*Q514	P-4	TP307	J-5
E101	B-4	LV301	E-4	*Q515	P-4	TP308	N-5
E201	E-2			*Q516	N-4	TP309	N-5
E301	K-3	*Q101	A-3	*Q517	N-4	TP101	F-5
E302	D-3	*Q102	A-5	*Q518	F-4	TP501	R-4
E303	H-1	*Q103	A-3	*Q519	P-5	TP502	P-1
E501	R-5	*Q104	A-4	*Q520	P-5	TP503	P-5
E502	N-1	*Q105	A-3	*Q601	L-2	TP504	N-4
E601	M-1	*Q106	A-3	*Q602	M-2	TP601	N-4
		*Q107	A-3	*Q603	N-4	TP602	M-1
FB201	K-2	*Q108	A-1	*Q604	M-4	TP603	P-5
		*Q109	B-2	*Q605	M-4		
FL101	A-2	*Q110	B-2	*Q606	L-4	X301	F-4
FL102	B-3	*Q111	B-1	*Q607	M-4	X302	H-4
FL103	C-3	*Q112	C-1	*Q608	L-4		
FL201	R-2	*Q113	C-2	*Q609	M-5		
FL202	N-2	*Q114	B-4	*Q610	M-5		
		*Q115	B-4	*Q701	A-6		
IC101	A-3	*Q116	B-3	*Q702	A-5		
IC102	C-2	*Q117	B-3	*Q703	B-5		
IC103	D-4	*Q118	B-3	*Q704	B-5		
IC104	G-5	*Q119	B-3	*Q705	B-5		
IC201	A-1	*Q120	B-2	*Q706	B-5		
IC202	B-1	*Q121	C-4	*Q707	B-4		
IC203	A-1	*Q122	C-4	*Q708	C-5		
IC205	D-2	*Q123	C-4	*Q709	C-5		
IC206	D-1	*Q124	C-3	*Q710	C-5		
IC207	H-1	*Q125	C-3	*Q711	C-5		
IC208	E-1	*Q126	C-3	*Q712	C-4		
IC209	E-2	*Q127	C-3	*Q713	A-5		
IC210	G-2	*Q128	C-3	*Q714	A-5		
IC211	H-1	*Q129	C-2	*Q715	A-6		
IC212	J-2	*Q130	C-2	*Q716	A-6		
IC213	P-1	*Q131	B-2	*Q717	A-2		
IC214	M-2	*Q132	C-5	*Q801	N A-2		
IC215	P-2	*Q133	A-2	*Q802	N A-2		
IC216	K-2	*Q201	C-1	*Q803	N A-2		
IC217	N K-1	*Q202	H-1	*Q804	N D-3		
IC218	N K-2	*Q203	H-4				
IC219	N J-1	*Q204	P-2				
IC220	M-2	*Q207	R-2				
IC301	E-4	*Q209	N-2				
IC302	H-3	*Q210	R-2				
IC303	E-5	*Q211	K-2				
IC304	E-5	*Q212	R-1				
IC305	F-4	*Q213	M-3				
IC306	K-4	*Q301	D-3				
IC307	F-3	*Q303	E-3				
IC308	J-3	*Q305	E-3				
IC309	G-3	*Q306	E-3				
IC310	G-3	*Q307	G-3				
IC311	J-4	*Q308	J-4				
IC312	L-2	*Q309	J-4				
IC313	G-5	*Q310	F-3				
IC314	L-1	*Q311	F-3				
IC315	K-5	*Q312	K-3				
IC316	H-4	*Q313	E-4				
IC317	F-3	*Q314	E-4				
IC501	P-4	*Q315	J-3				

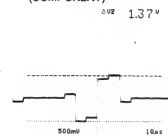
\* : B SIDE  
N : UVW-1400/1200 ONLY  
P : UVW-1400P/1200P ONLY

For J,UC

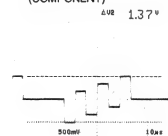
① TP201 REC/EE (COMPOSITE)



② TP201 REC/EE (COMPONENT)

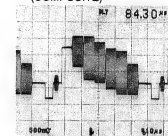


③ TP202 REC/EE (COMPONENT)

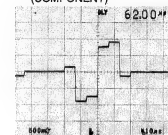


For EK

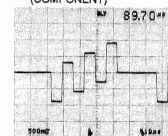
① TP201 REC/EE (COMPOSITE)



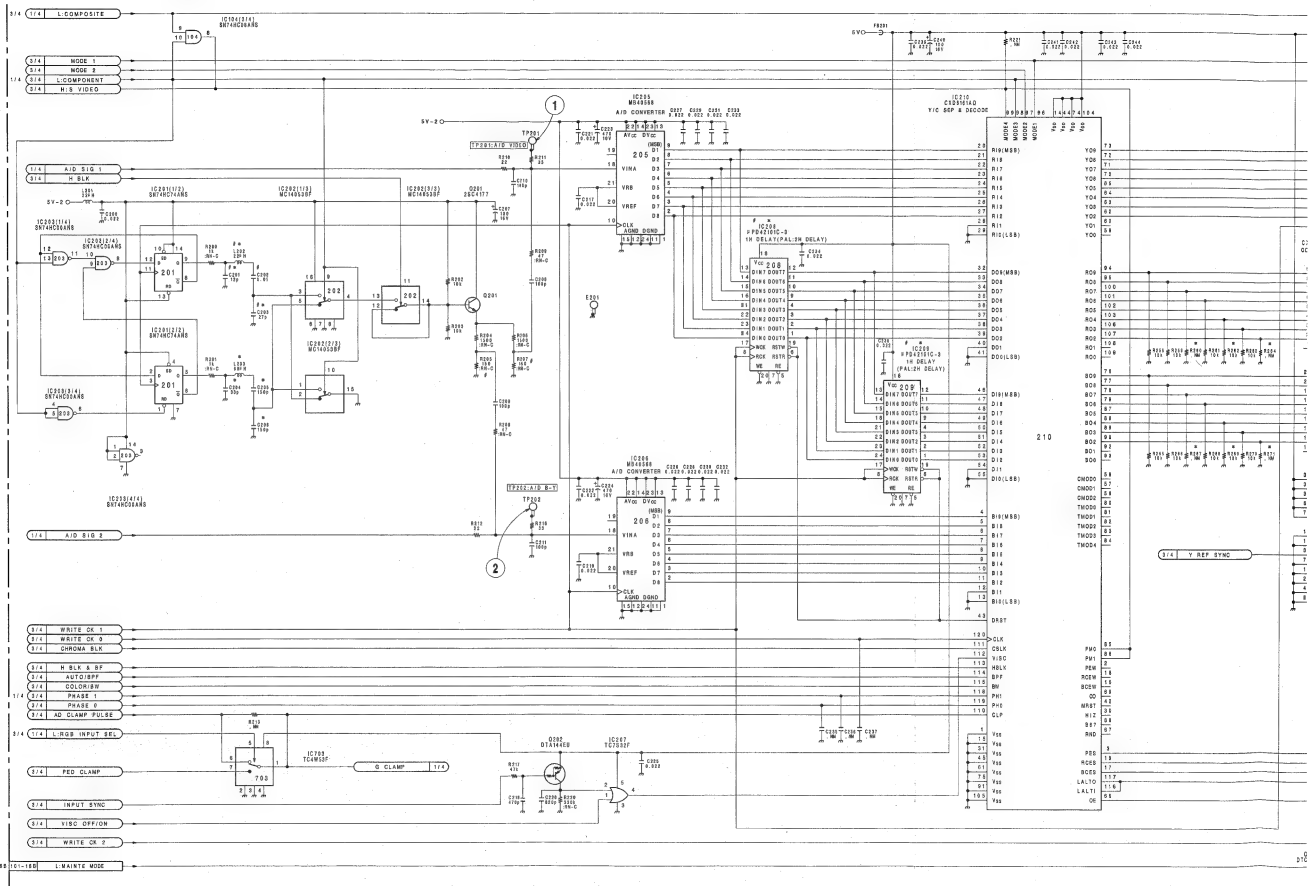
② TP201 REC/EE (COMPONENT)



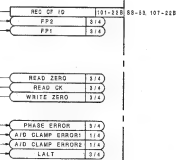
③ TP202 REC/EE (COMPONENT)



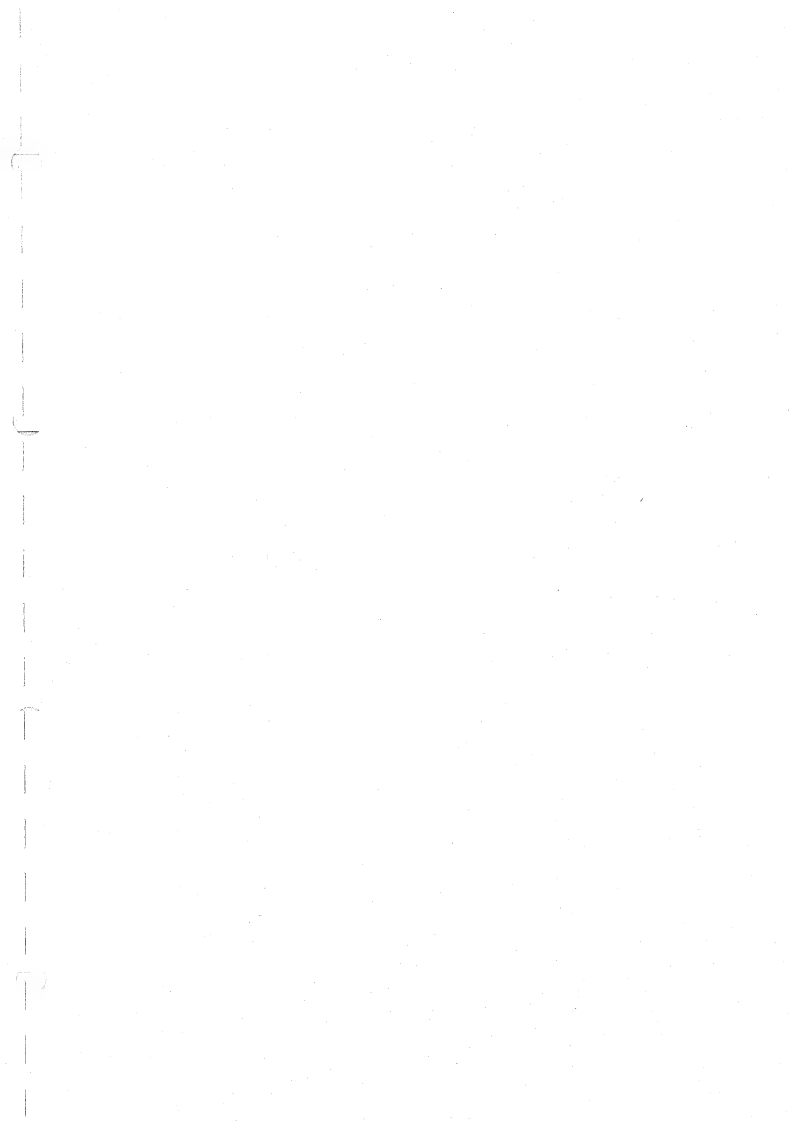
AP-25, 111-568/88-22, 107-181







BOARD NO. 1-648-898-22  
UVW-1400 (J) ; #10001-  
UVW-1400 (UC) ; #10001-  
UVW-1400P (EK) ; #10001-



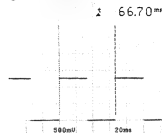
VRA-5A/5AP(1-648-898-22)

CN101	N-6	IC502	R-5	●Q316	F-5	RV702	B-4
CN102	C-6	IC601	L-4	●Q317	F-5	RV703	C-4
		IC602	M-4	●Q318	E-5		
CV301	F-5	IC701	A-4	●Q319	K-3	S201	H-4
		IC702	A-5	●Q320	J-3		
●D101	B-3	IC703	H-2	●Q321	J-4	TH201	N M-1
●D102	C-3	IC704	F-4	●Q322	J-4		
●D109	D-4	IC705	G-4	●Q323	J-4	TP101	A-3
●D202	H-4	IC706	G-4	●Q324	F-4	TP201	C-2
●D301	E-3	IC707	G-4	●Q325	F-4	TP202	C-1
●D302	P E-5	IC801	N D-3	●Q508	N-2	TP301	E-3
●D303	F-4	IC802	N D-2	●Q509	P-2	TP302	E-4
D305	F-5	IC901	K-6	●Q510	R-4	TP303	H-1
D306	J-3	IC902	G-6	●Q511	N-3	TP304	L-5
●D701	A-4	IC903	J-6	●Q512	P-4	TP305	K-4
D801	N A-2	IC904	E-6	●Q513	P-4	TP306	J-4
				●Q514	P-4	TP307	J-5
E101	B-4	LV301	E-4	●Q515	P-4	TP308	N-5
E201	E-2			●Q516	N-4	TP309	N-5
E301	K-3	●Q101	A-3	●Q517	N-4	TP310	F-5
E302	D-3	Q102	A-5	●Q518	P-4	TP501	R-4
E303	H-1	●Q103	A-3	●Q519	P-5	TP502	P-1
E501	R-5	Q104	A-4	●Q520	P-5	TP503	P-5
E502	N-1	●Q105	A-3	●Q601	L-2	TP504	N-4
E601	M-1	●Q106	A-3	●Q602	M-2	TP601	N-4
		Q107	A-3	●Q603	N-4	TP602	M-1
FB201	K-2	●Q108	A-1	●Q604	M-4	TP603	P-5
		●Q109	B-2	●Q605	M-4		
FL101	A-2	●Q110	B-2	●Q606	L-4	X301	F-4
FL102	B-3	●Q111	B-1	●Q607	M-4	X302	H-4
FL103	C-3	●Q112	C-1	●Q608	L-4		
FL201	R-2	●Q113	C-2	●Q609	M-5		
FL202	N-2	●Q114	B-4	●Q610	M-5		
		●Q115	B-4	Q701	A-6		
IC101	A-3	●Q116	B-3	Q702	A-5		
IC102	C-2	●Q117	B-3	●Q703	B-5		
IC103	D-4	●Q118	B-3	Q704	B-5		
IC104	G-5	●Q119	B-3	●Q705	B-5		
IC201	A-1	●Q120	B-2	●Q706	B-5		
IC202	B-1	●Q121	C-4	●Q707	B-4		
IC203	A-1	●Q122	C-4	●Q708	C-5		
IC205	D-2	●Q123	C-4	Q709	C-5		
IC206	D-1	●Q124	C-3	●Q710	C-5		
IC207	H-1	●Q125	C-3	●Q711	C-5		
IC208	E-1	●Q126	C-3	●Q712	C-4		
IC209	E-2	●Q127	C-3	Q713	A-5		
IC210	G-2	●Q128	C-3	Q714	A-5		
IC211	H-1	●Q129	C-2	●Q715	A-6		
IC212	J-2	●Q130	C-2	●Q716	A-6		
IC213	P-1	●Q131	B-5	●Q717	A-4		
IC214	M-2	●Q132	C-5	Q801	N A-2		
IC215	P-2	●Q133	A-2	Q802	N A-2		
IC216	K-2	●Q201	C-1	Q803	N A-2		
IC217	N K-1	●Q202	H-1	Q804	N D-3		
IC218	K-2	●Q203	H-4				
IC219	N J-1	●Q204	P-2	RV101	B-2		
IC220	M-2	●Q207	R-2	RV102	B-3		
IC301	E-4	●Q209	N-2	RV103	C-4		
IC302	H-3	●Q210	R-2	RV104	C-3		
IC303	E-5	●Q211	K-2	RV105	A-2		
IC304	E-5	●Q212	R-1	RV201	P-1		
IC305	F-4	●Q213	M-3	RV202	N-1		
IC306	K-4	●Q301	D-3	RV203	M-1		
IC307	F-3	●Q303	E-3	RV301	E-3		
IC308	J-3	●Q305	E-3	RV302	K-1		
IC309	J-3	●Q306	E-3	RV303	L-1		
IC310	G-3	●Q307	E-3	RV304	L-1		
IC311	J-4	●Q308	J-4	RV305	L-1		
IC312	L-2	●Q309	J-4	RV306	K-5		
IC313	G-5	●Q310	F-3	RV501	R-1		
IC314	L-1	●Q311	F-3	RV502	R-4		
IC315	K-5	●Q312	K-3	RV503	R-4		
IC316	H-4	●Q313	E-4	RV602	M-4		
IC317	F-3	●Q314	E-4	RV603	M-4		
IC501	P-4	●Q315	J-3	RV701	A-4		

● : B SIDE  
N : UVW-1400/1200 ONLY  
P : UVW-1400P/1200P ONLY

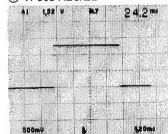
For J,UC

① TP305 REC/EE

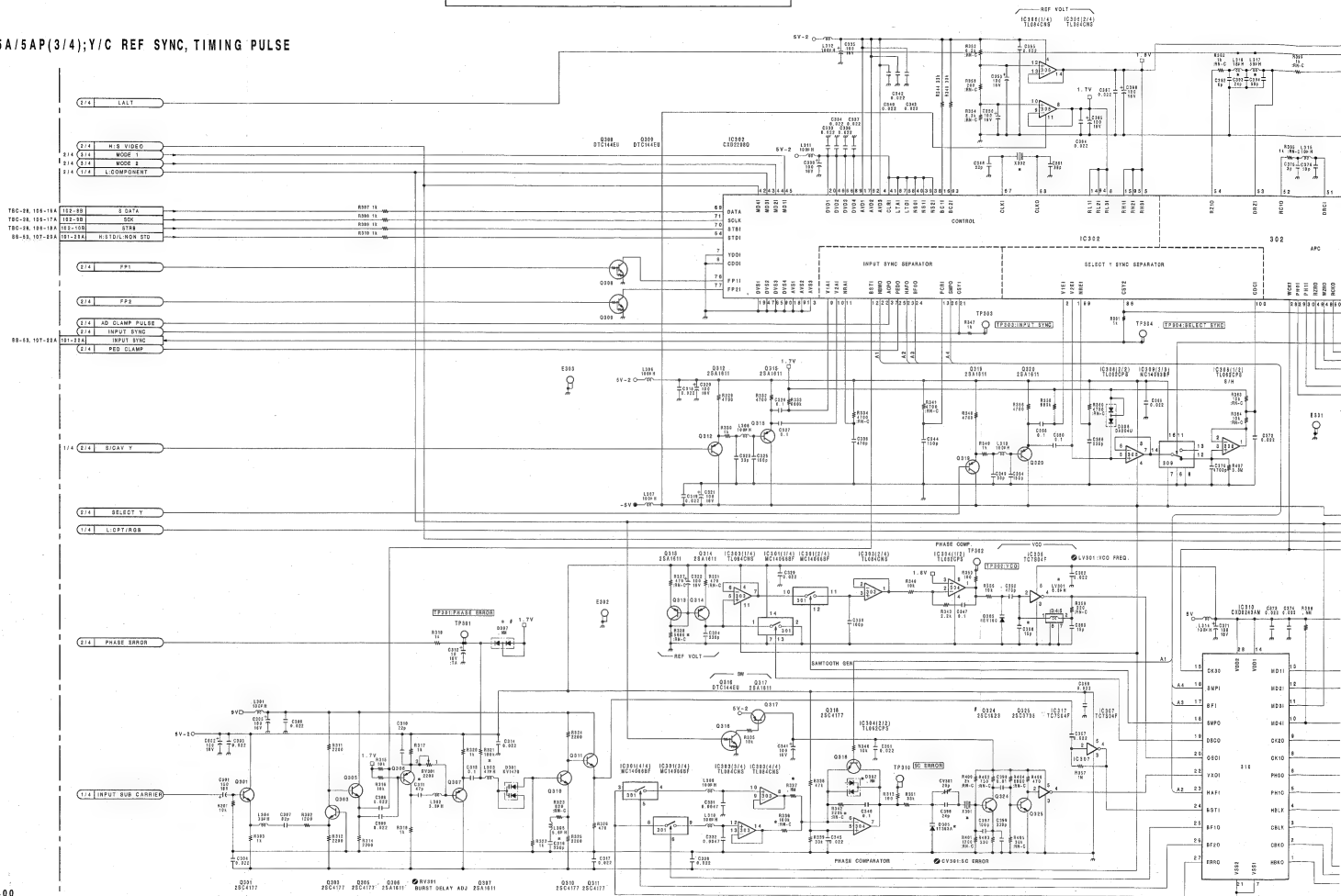


For EK

① TP305 REC/EE



VRA-5A/5AP(3/4);Y/C REF SYNC, TIMING PULSE



UVW-1400  
UVW-1400P

16-141

16-141

A

B

C

D

E

F

G

H





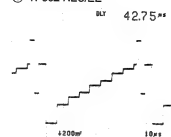
VRA-5A/5AP(1-648-998-22)

CN101	N-6	IC502	R-5	*Q316	F-5	RV102	B-4
CN102	C-6	IC601	L-4	*Q317	F-5	RV103	C-4
		IC602	M-4	*Q318	E-5		
CV301	F-5	IC701	A-4	*Q319	K-3	S201	H-4
		IC702	A-5	*Q320	J-3		
*D101	B-3	IC703	H-2	*Q321	J-4	TH201	N M-1
*D102	C-3	IC704	F-4	*Q322	J-4		
*D109	D-4	IC705	G-4	*Q323	J-4	TP101	A-3
*D202	H-4	IC706	G-4	*Q304	F-4	TP201	C-2
*D301	E-3	IC707	G-4	*Q325	F-4	TP202	C-1
*D302	P-5	IC801	N D-3	*Q508	N-2	TP301	E-3
*D303	F-4	IC802	N D-3	*Q509	P-2	TP302	E-4
D305	F-5	IC901	K-6	*Q510	R-4	TP303	H-1
D306	J-3	IC902	G-6	*Q511	N-3	TP304	L-5
*D701	A-4	IC903	J-6	*Q512	P-4	TP305	K-4
DB01	N A-2	IC904	E-6	*Q513	P-4	TP306	J-4
				*Q514	P-4	TP307	J-5
E101	B-4	LV301	E-4	*Q515	P-4	TP308	N-5
E201	E-2			*Q516	N-4	TP309	N-5
E301	K-3	*Q101	A-3	*Q517	N-4	TP310	F-5
E302	D-3	*Q102	A-5	*Q518	P-4	TP501	R-4
E303	H-1	*Q103	A-3	*Q519	P-5	TP502	P-1
E501	R-3	*Q104	A-4	*Q520	P-5	TP503	P-5
E502	N-1	*Q105	A-3	*Q601	L-2	TP504	N-4
E601	M-1	*Q106	A-3	*Q602	M-2	TP601	N-4
		*Q107	A-3	*Q603	N-4	TP602	M-1
FB201	K-2	*Q108	A-1	*Q604	M-4	TP603	P-5
		*Q109	B-2	*Q605	M-4		
FL101	A-2	*Q110	B-2	*Q606	L-4	X301	F-4
FL102	B-3	*Q111	B-1	*Q607	M-4	X302	H-4
FL103	C-3	*Q112	C-1	*Q608	L-4		
FL201	R-2	*Q113	C-2	*Q609	M-5		
FL202	N-2	*Q114	B-4	*Q610	M-5		
		*Q115	B-4	*Q701	A-6		
IC101	A-3	*Q116	B-3	*Q702	A-5		
IC102	C-2	*Q117	B-3	*Q703	B-5		
IC103	D-4	*Q118	B-3	*Q704	B-5		
IC104	G-5	*Q119	B-3	*Q705	B-5		
IC201	A-1	*Q120	B-2	*Q706	B-5		
IC202	B-1	*Q121	C-4	*Q707	B-4		
IC203	A-1	*Q122	C-4	*Q708	C-5		
IC205	D-2	*Q123	C-4	*Q709	C-5		
IC206	D-1	*Q124	C-3	*Q710	C-5		
IC207	H-1	*Q125	C-3	*Q711	C-5		
IC208	E-1	*Q126	C-3	*Q712	C-4		
IC209	E-2	*Q127	C-3	*Q713	A-5		
IC210	G-2	*Q128	C-3	*Q714	A-5		
IC211	H-1	*Q129	C-2	*Q715	A-6		
IC212	J-2	*Q130	C-2	*Q716	A-6		
IC213	P-1	*Q131	B-5	*Q717	A-4		
IC214	M-2	*Q132	C-5	Q801	N A-2		
IC215	P-2	*Q133	A-2	Q802	N A-2		
IC216	K-2	*Q201	C-1	Q803	N A-2		
IC217	N-1	*Q202	H-1	Q804	N D-3		
IC218	K-2	*Q203	H-4				
IC219	N J-1	*Q204	P-2	RV101	B-2		
IC220	M-2	*Q207	R-2	RV102	B-3		
IC301	E-4	*Q209	N-2	RV103	C-4		
IC302	H-3	*Q210	R-2	RV104	C-3		
IC303	E-5	*Q211	K-2	RV105	A-2		
IC304	E-5	*Q212	R-1	RV201	P-1		
IC305	F-4	*Q213	M-3	RV202	N-1		
IC306	K-4	*Q301	D-3	RV303	M-1		
IC307	F-3	*Q303	E-3	RV301	E-3		
*IC308	J-3	*Q305	E-3	RV302	K-1		
IC309	J-3	*Q306	E-3	RV303	L-1		
IC310	G-3	*Q307	E-3	RV304	L-1		
IC311	J-4	*Q308	J-4	RV305	L-1		
IC312	L-2	*Q309	J-4	RV306	K-5		
IC313	G-5	*Q310	F-3	RV501	R-1		
IC314	L-1	*Q311	F-3	RV502	R-4		
IC315	K-5	*Q312	K-3	RV503	R-4		
IC316	H-4	*Q313	E-4	RV602	M-4		
IC317	F-3	*Q314	J-3	RV603	M-4		
IC501	P-4	*Q315	J-3	RV701	A-4		

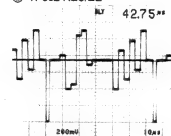
\* : B SIDE  
N : UVW-1400/1200 ONLY  
P : UVW-1400P/1200P ONLY

For J,UC

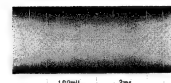
① TP502 REC/EE



② TP602 REC/EE

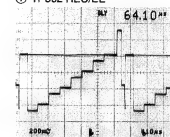


③ TP503 REC/EE  
TP603 REC/EE

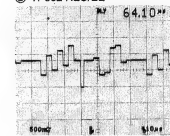


For EK

① TP502 REC/EE



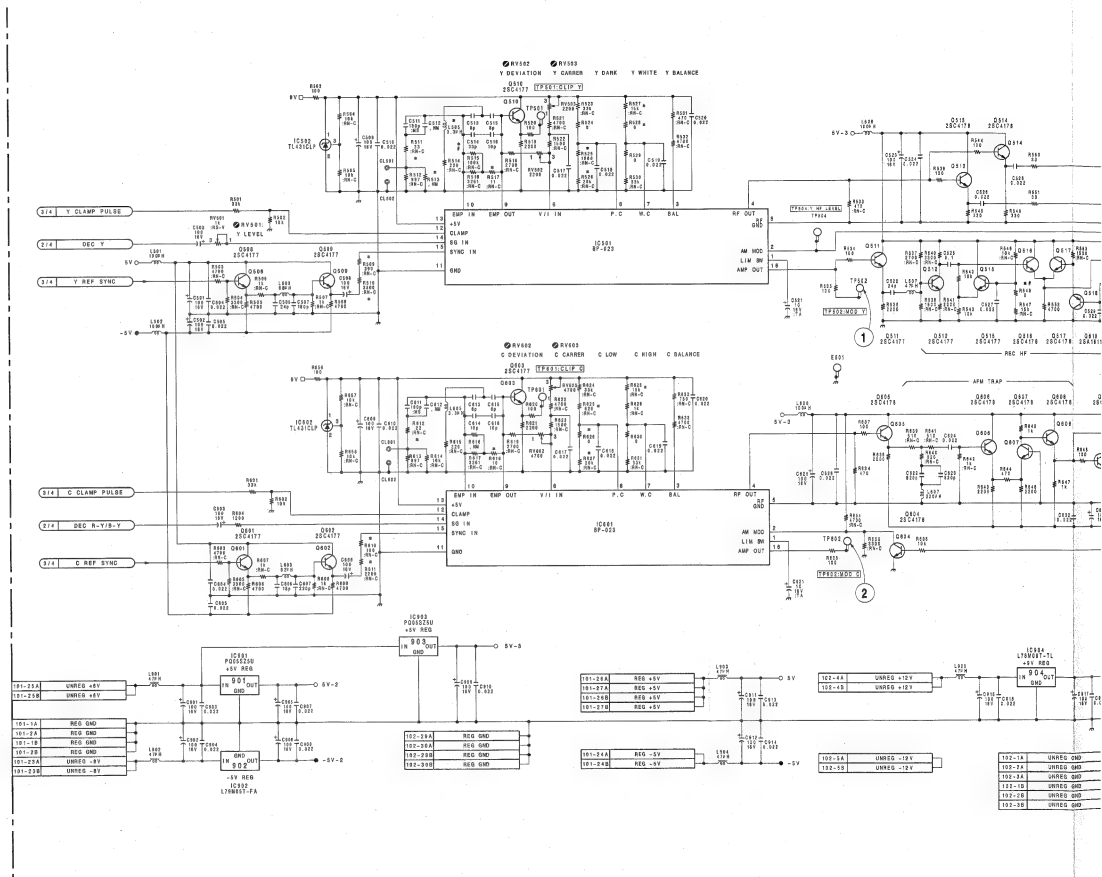
② TP602 REC/EE



③ TP503 REC/EE  
TP603 REC/EE



VRA-5A/5AP(4/4);Y/C MOD, Y REC HF

UWV-1400  
UWV-1400P

16-145

16-145

A

B

C

D

E

F

G

H





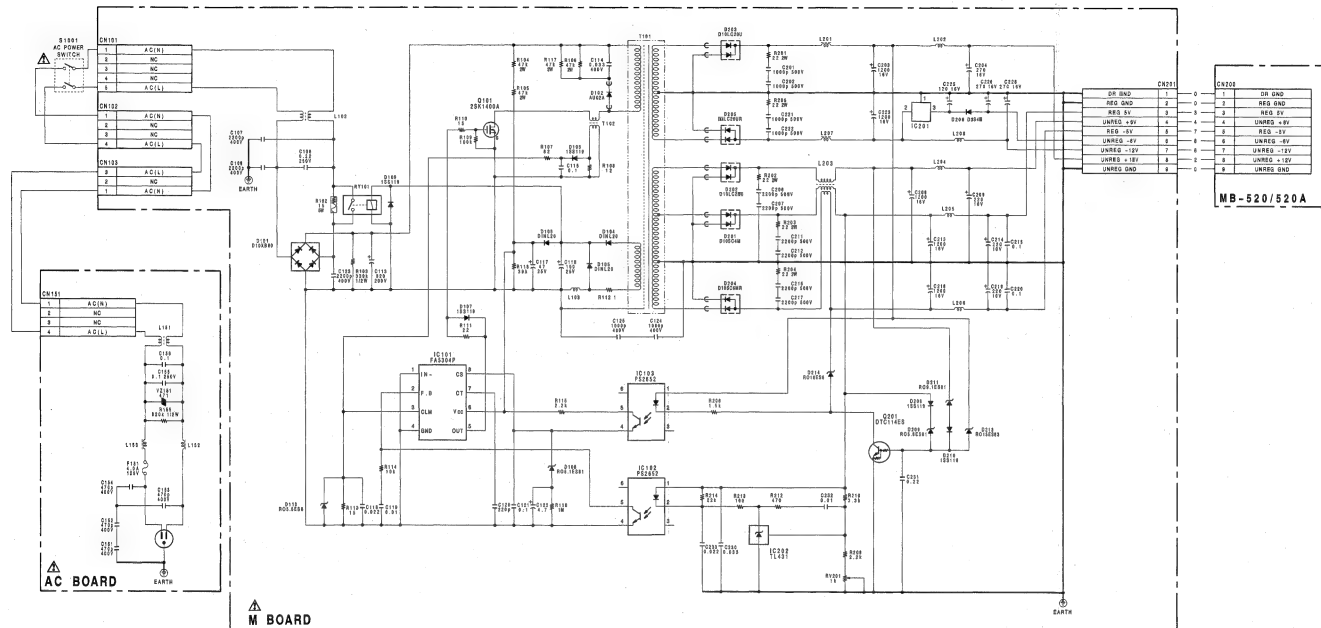
REF NO.	CHANGED INFORMATION	SERIAL NO.
R558	4700 → 3320	UVW-1400P(EK);P10641
R558	3900 → 4390	UVW-1400P(EK);P10471
C514	47P → 55P	UVW-1400 (J) ;P10421
		UVW-1400 (UC);P10561
R548	W 2000 → W 2400	UVW-1400P(EK);P10791

VRA-5A/5AP BOARD (4/4)

BOARD NO. 1-648-898-22  
UVW-1400 (J) : #10001  
UVW-1400 (UC) : #10001  
UVW-1400P (EK) : #10001

## SOPS-1045;POWER SUPPLY(SWITCHING REGULATOR)(FOR J,UC)

SOF



## SOPS-1045 BOARD

BOARD NO. 1-648-935-11  
 UVW-1400(J) : #10001-  
 UVW-1400(UC) : #10001-  
 UVW-1200(J) : #10001-  
 UVW-1200(UC) : #10001-

UVW-1400/1200  
 UVW-1400P/1200P

16-147

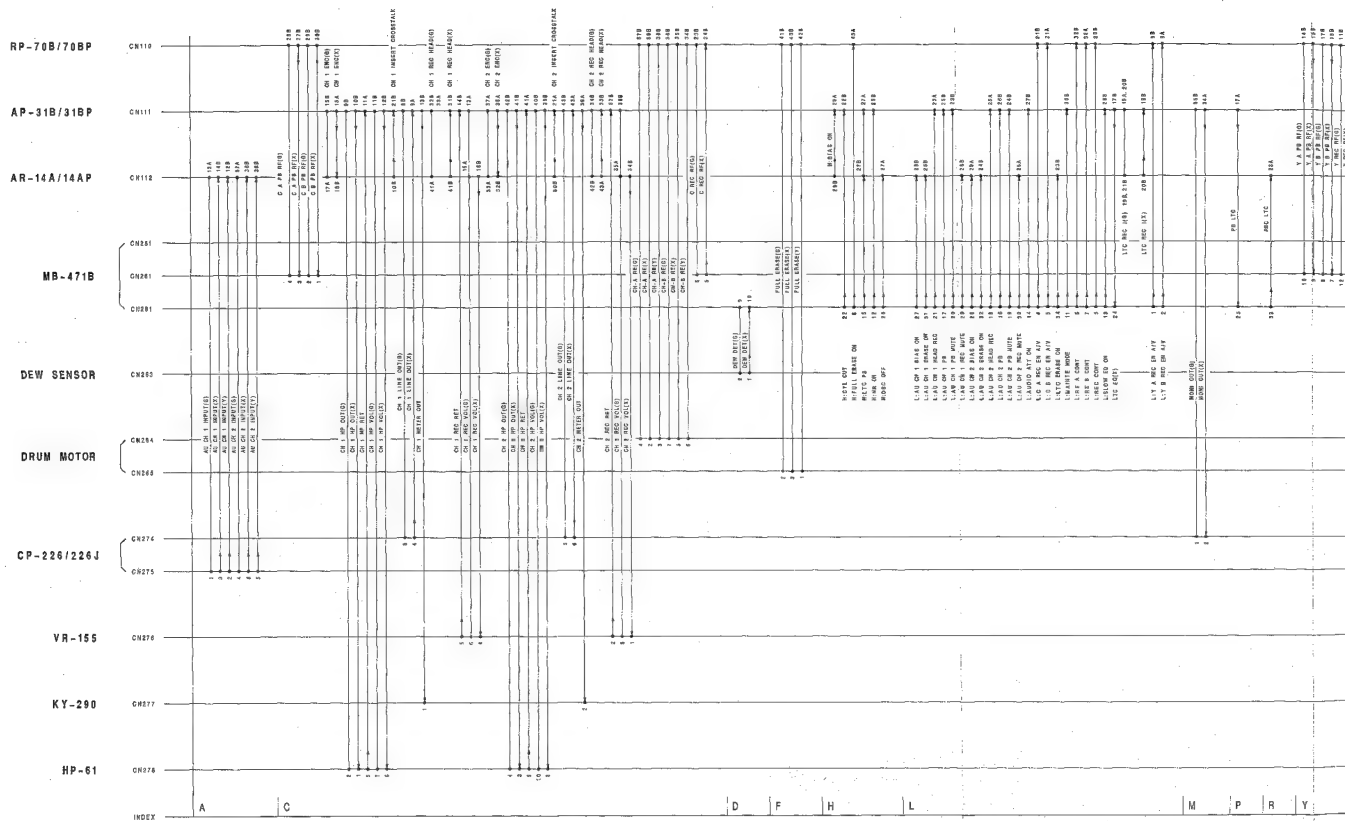
16-147







MB-471B(2/2);MOTHER BOARD



UVW-1400  
UVW-1400P

16-151

16-151





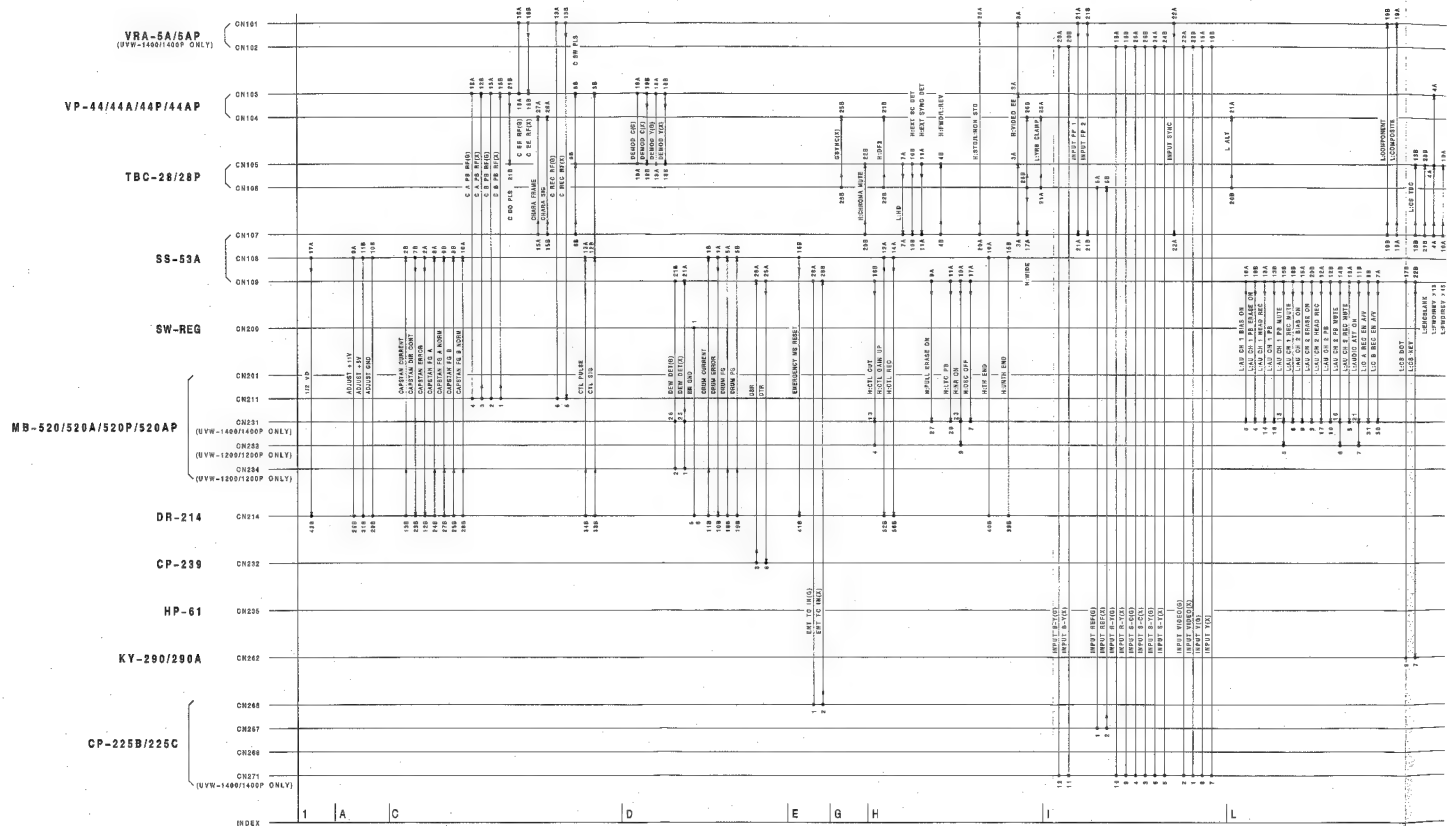


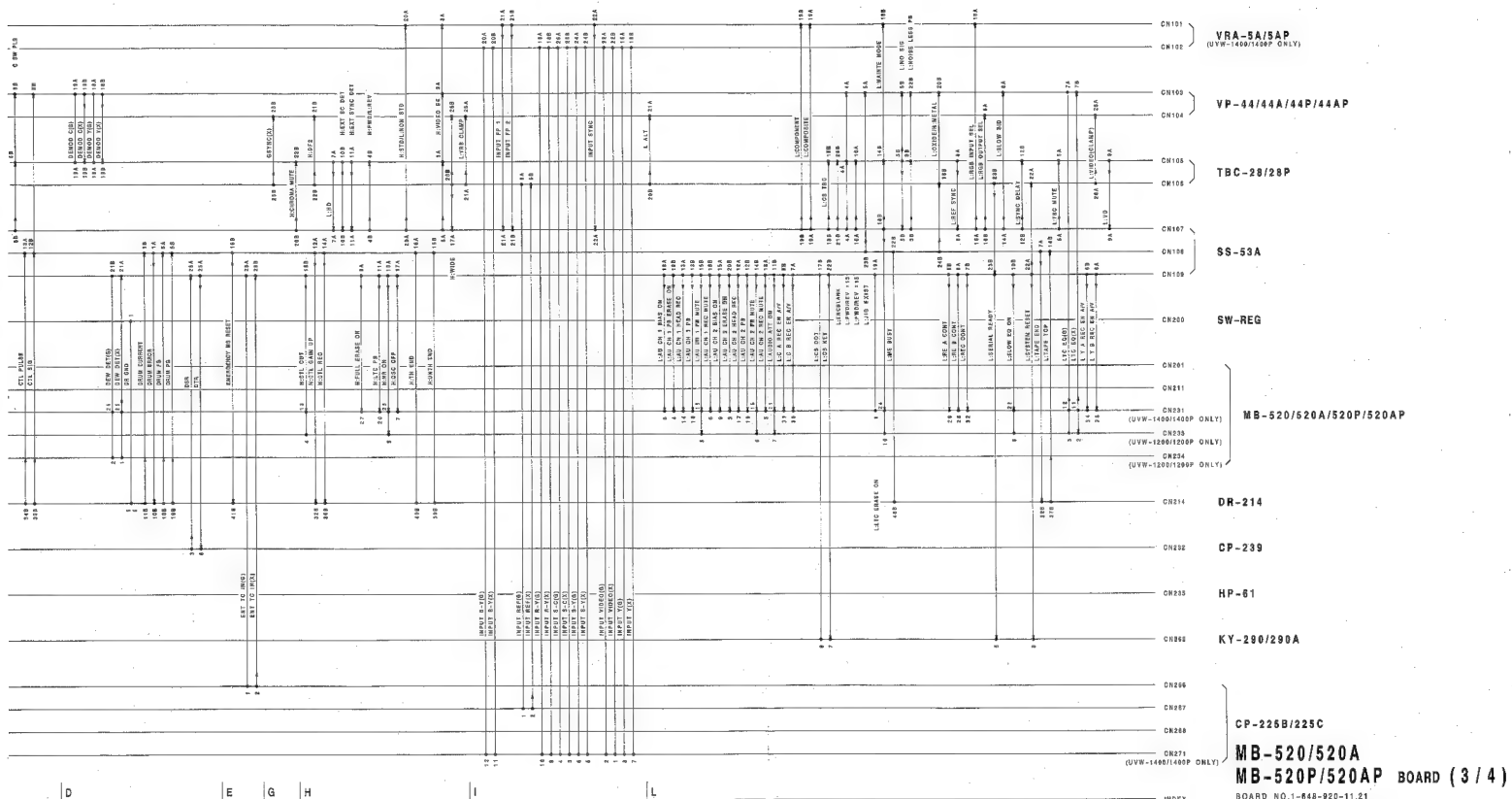






## MB-520/520A/520P/520AP(3/4):MOTHER BOARD



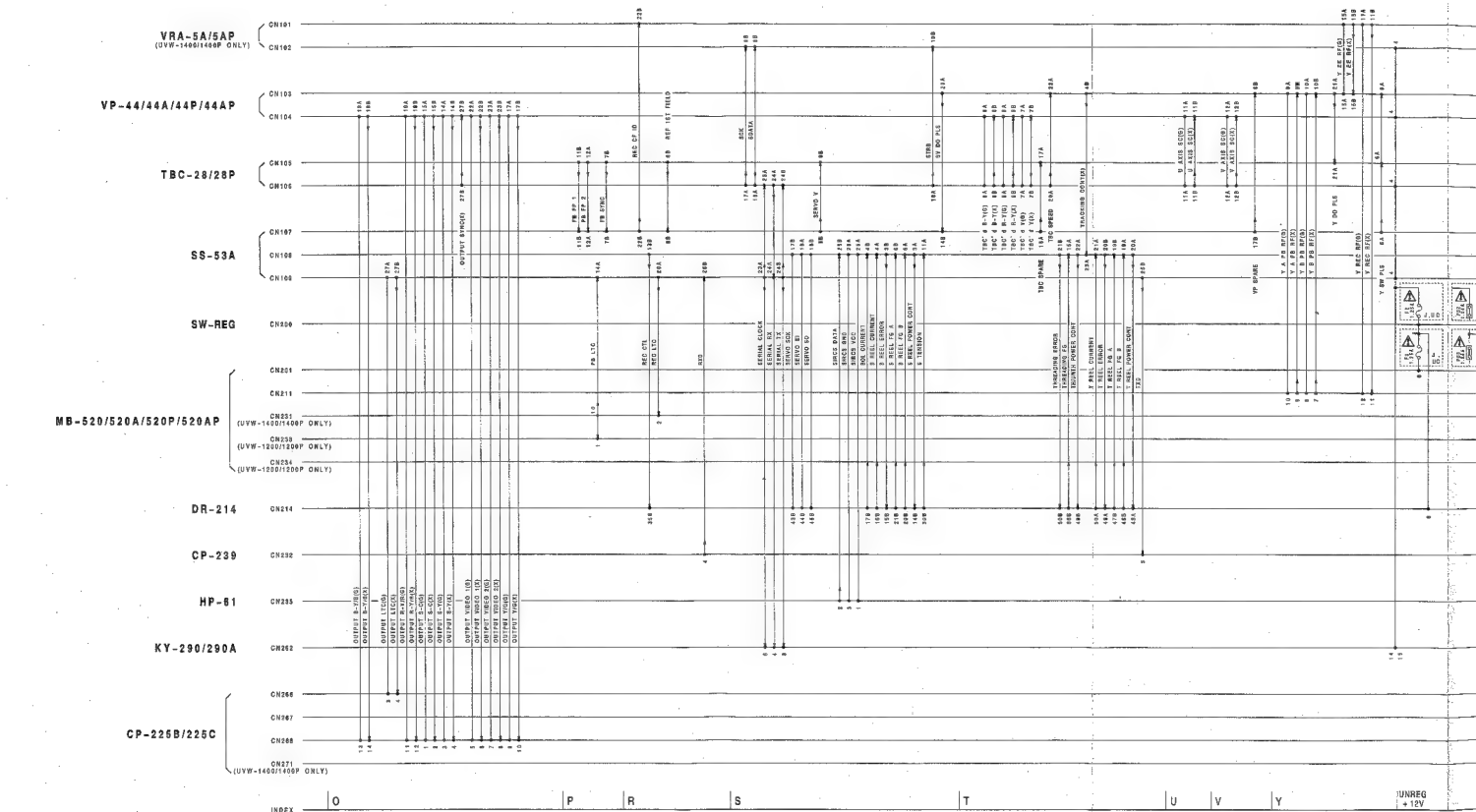


INDEX

BOARD NO. 1-648-920-11.21  
 UUV-1400/1200 (C); F10001-  
 UUV-1400/1200 (UC); F10001-  
 UUV-1400P/1200P (EK); F10001-

16-157

MB-520/520A/520P/520AP(4/4);MOTHER BOARD



UUV-1400/1200  
UUV-1400P/1200P

A

B

C

D

16-159

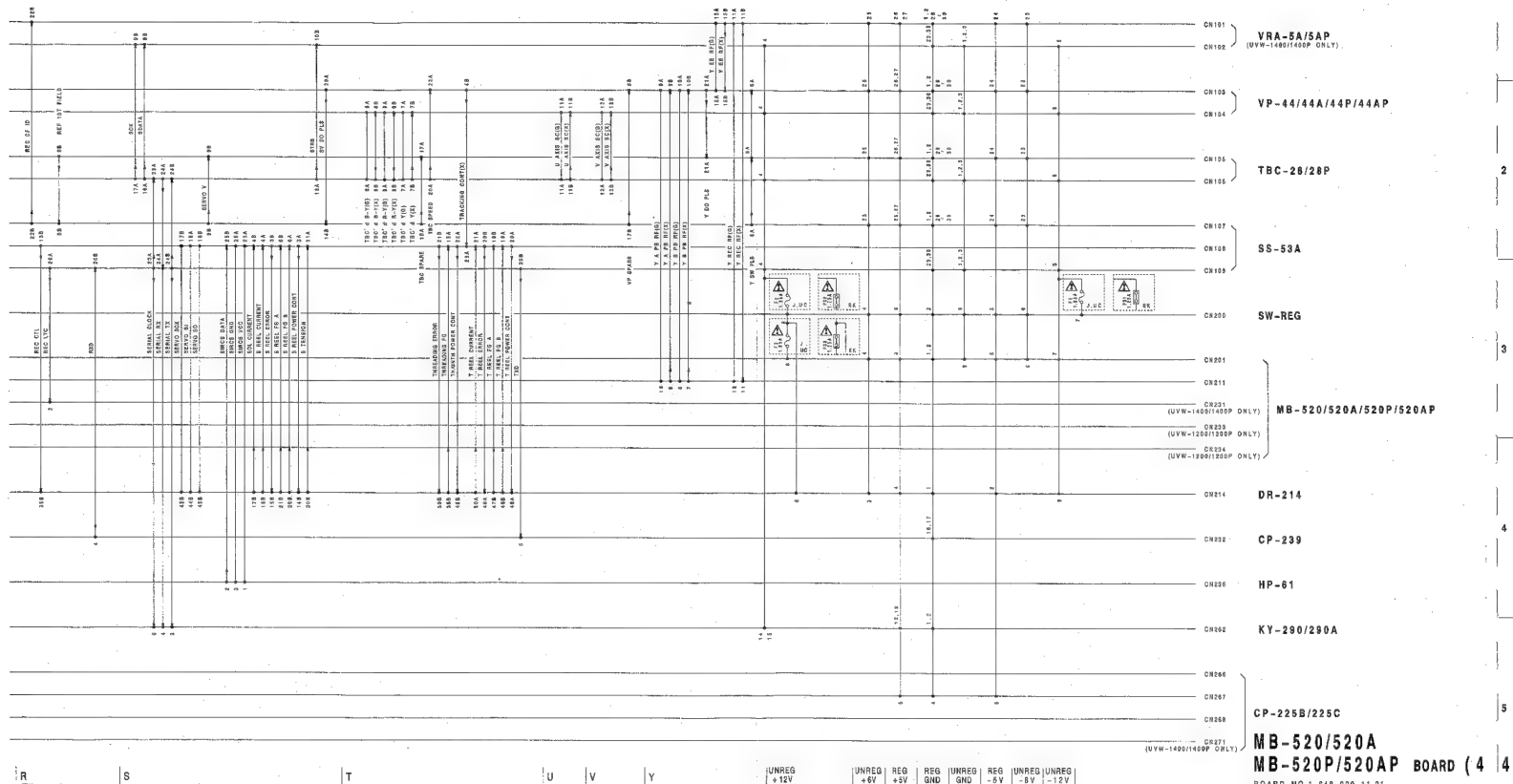
16-159

F

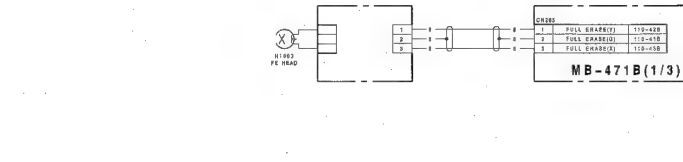
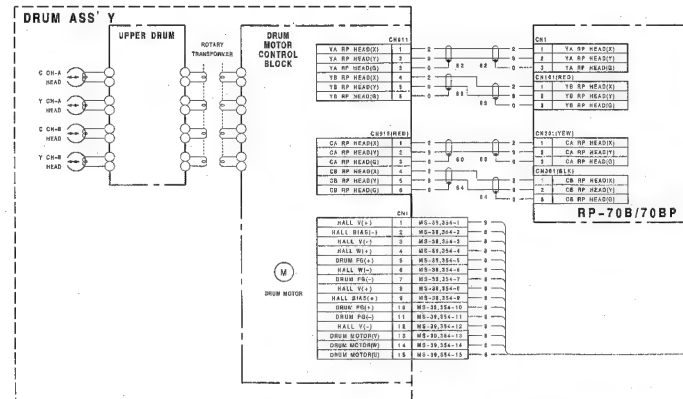
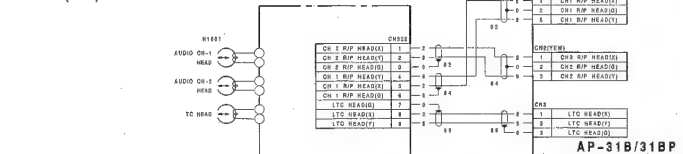
F

G

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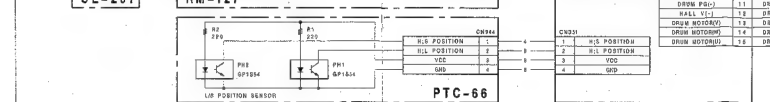
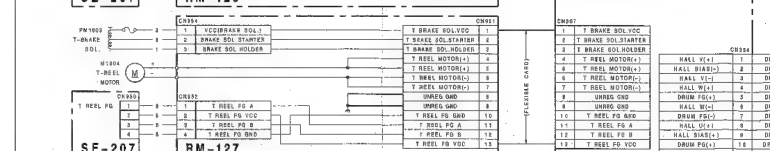
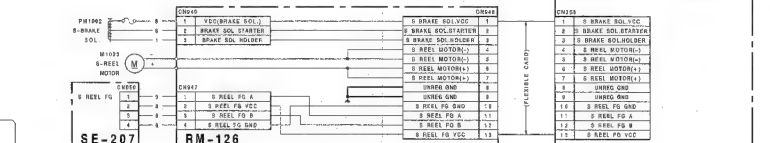
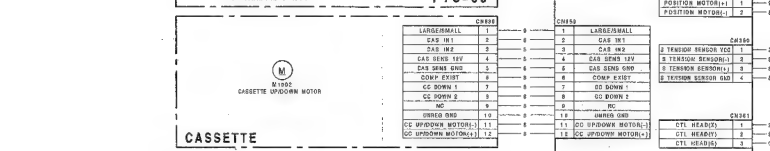
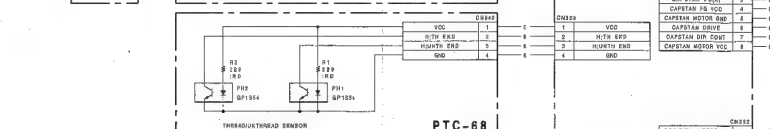
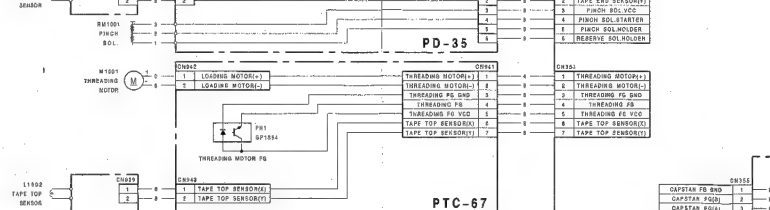


FRAME(1/2)



UVW-1400  
UVW-1400P

16-161



16-161

A

B

C

D

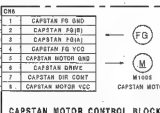
E

F

G

H

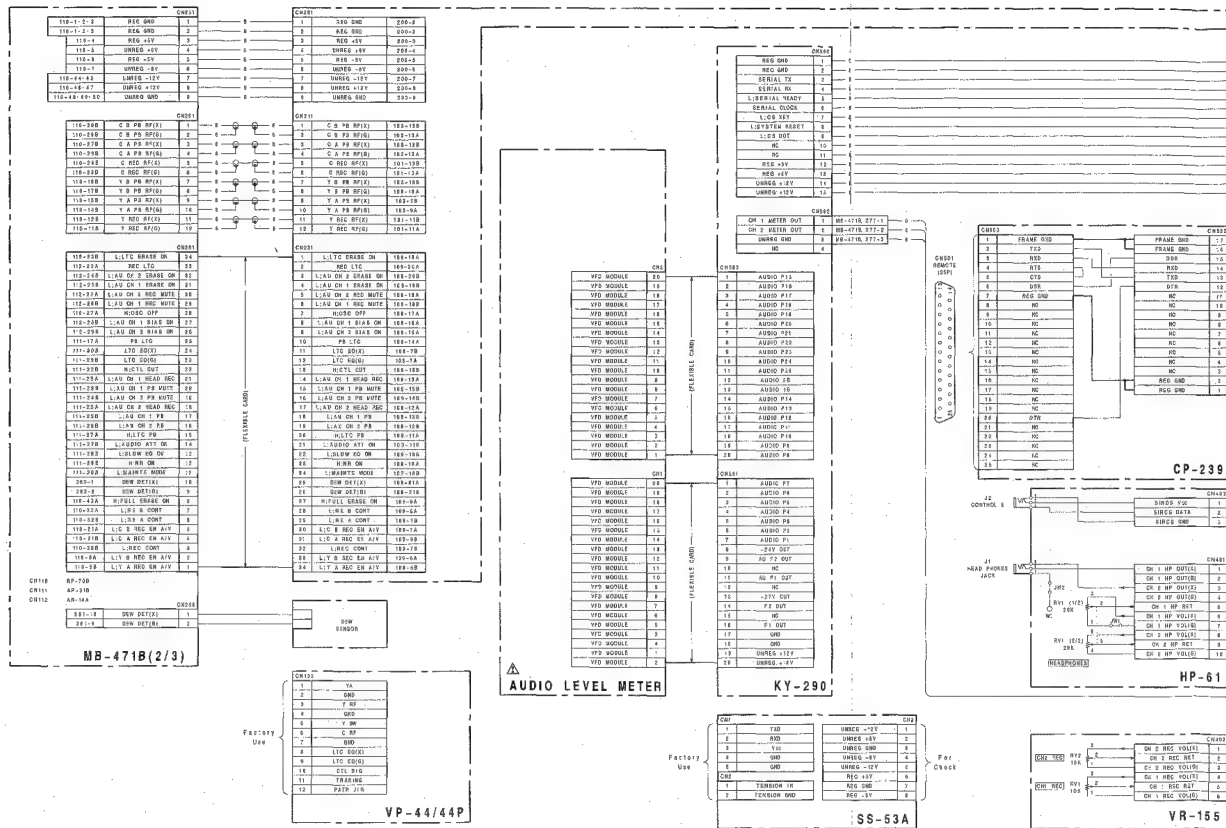




UVW-1400 (J) : 10001

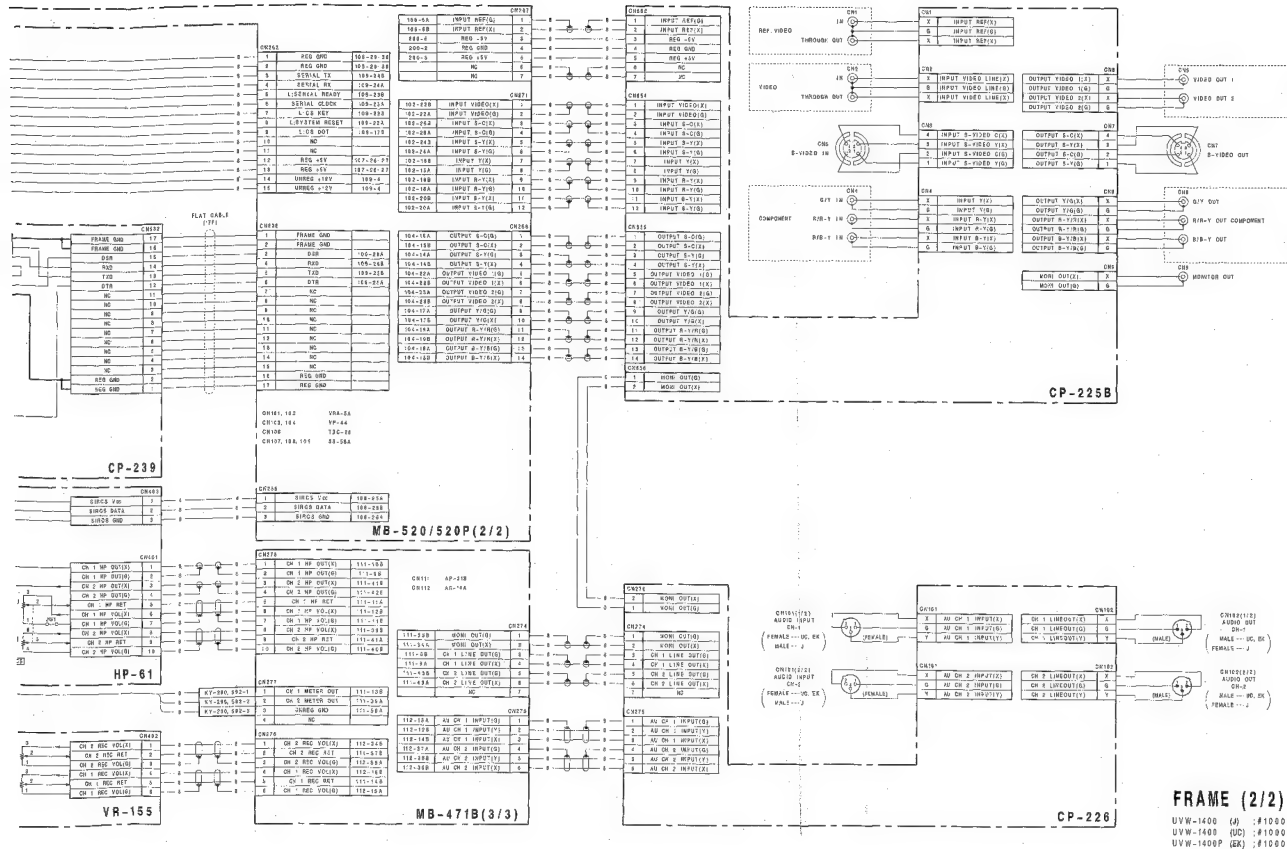
UVW-1400 (J) : 10001

UVW-1400 (UC); 10001



FRAME (2/2)

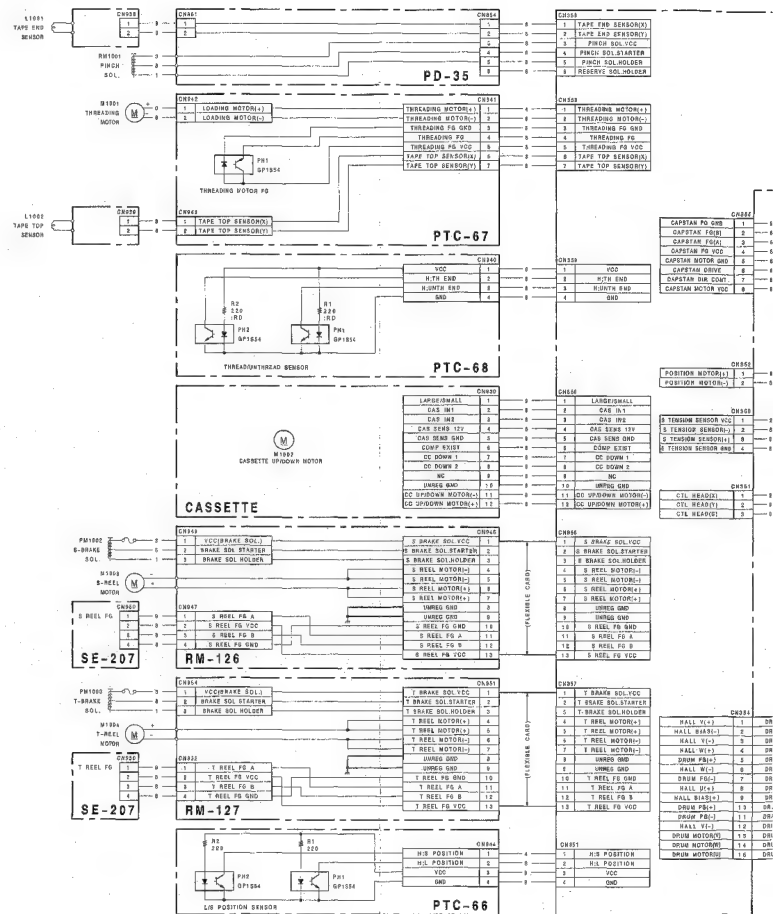
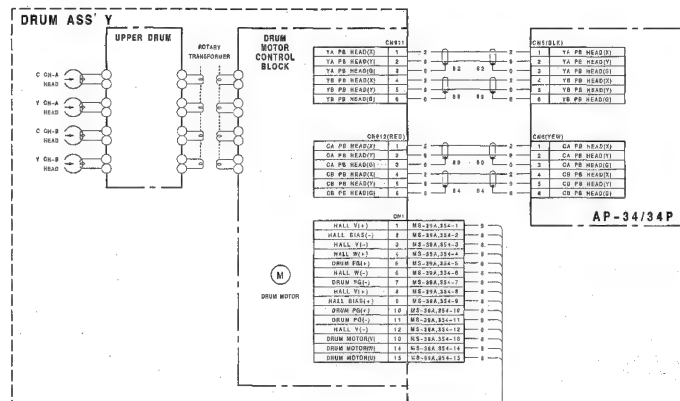
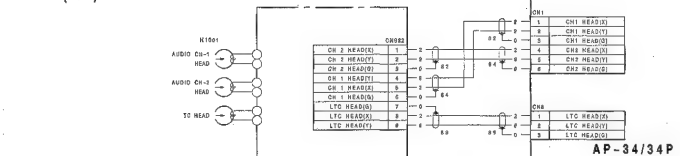
FRAME (2/2)



FRAME (2/2)

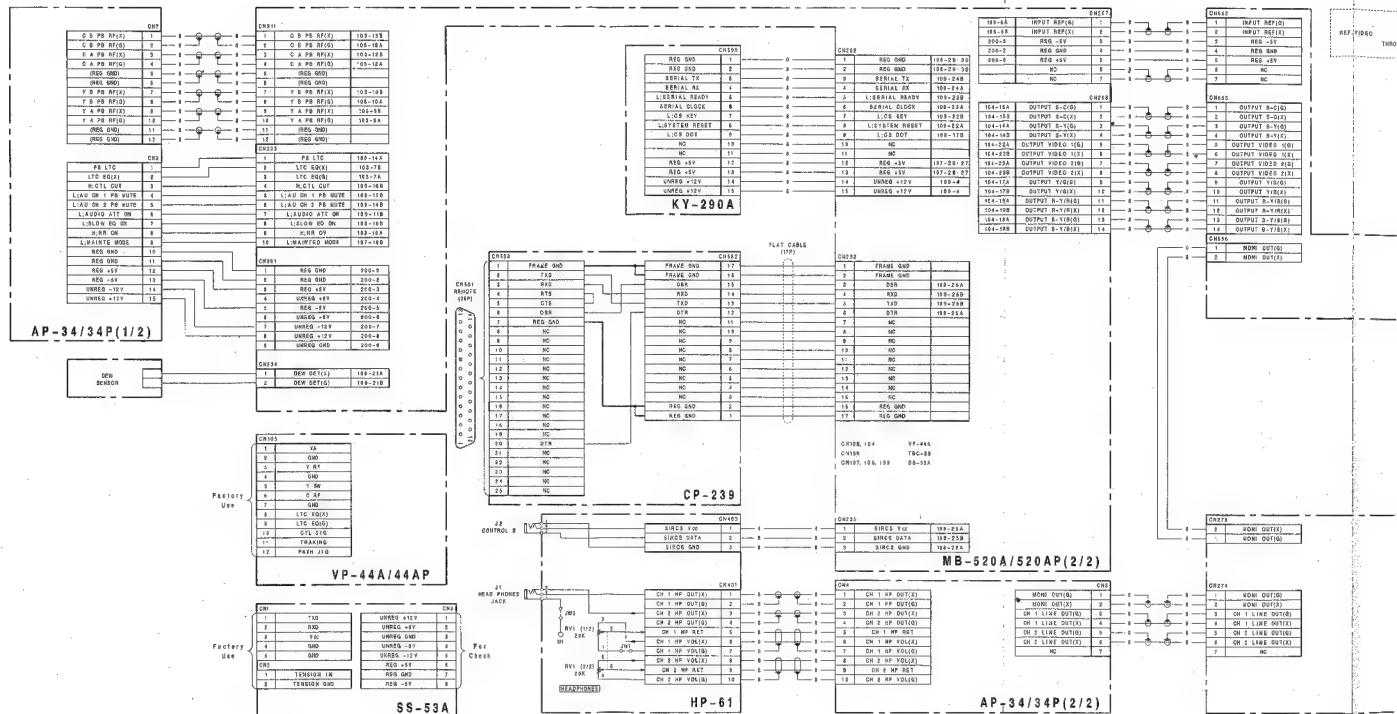
UVW-1400 (A) : #10001-  
 UVW-1400 (UC) : #10001-  
 UVW-1400P (ER) : #10001-

FRAME(1/2)





FRAME(2/2)



UVW-1200  
UVW-1200P

16-167

16-167

A

B

C

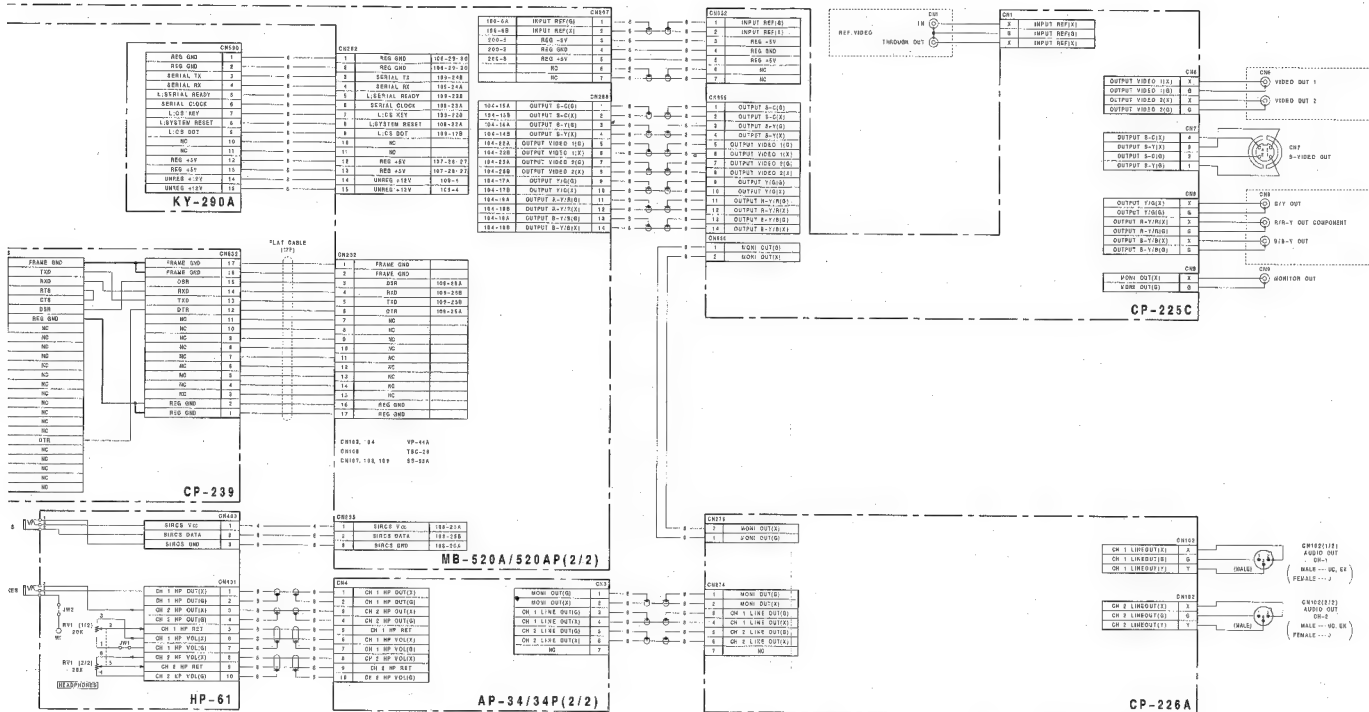
D

E

F

G

H



FRAME (2/2)

UVW-1200 (A) : #10001-  
UVW-1200 (UC) : #10001-  
UVW-1200P (ES) : #10001-

## SECTION 17

### SEMICONDUCTOR PIN ASSIGNMENTS

この章の図の中には互換性のないダイオード、トランジスタ、ICが併記されていることがあります。部品を交換するときには必ず部品表を参照してください。

等価回路はICメーカーのData Bookに従いました。

The chart in this section may sometimes show diodes, transistors, and ICs that are not interchangeable. When replacing a component, be sure to refer to the parts list. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

DIODE	PAGE	TRANSISTOR	PAGE	IC	PAGE	IC	PAGE
10E-2 .....	17-3	2SB810 .....	17-4	74F00SJ .....	17-6	M51957BFP .....	17-22
11E2 .....	17-3	2SB941 .....	17-4	AM27C020-150DC .....	17-6	M51957BL .....	17-22
1SS119 .....	17-3	2SC2458 .....	17-4	AN77L05 .....	17-6	M51958A .....	17-22
1SS119TD .....	17-3	2SC2655 .....	17-4	BX3914 .....	17-6	M54523P .....	17-22
1SS303 .....	17-3	2SC2715 .....	17-4	CX20188 .....	17-7	M54532P .....	17-22
1SS304 .....	17-3	2SC2715Y .....	17-4	CX22017 .....	17-6	MB4002PF .....	17-22
1SV160 .....	17-3	2SC2785 .....	17-4	CXA1370Q .....	17-8	MB40568 .....	17-23
1T33C .....	17-3	2SC3012 .....	17-4	CXA1450M .....	17-7	MB88201 .....	17-22
DA204U .....	17-3	2SC3332 .....	17-4	CXA1451M .....	17-7	MB88342PF .....	17-23
DA210S .....	17-3	2SC3399 .....	17-4	CXA1479Q .....	17-8	MC14051BF .....	17-23
KV1470 .....	17-3	2SC3735 .....	17-4	CXA1521M .....	17-7	MC14052BF .....	17-23
RB441Q .....	17-3	2SC4176 .....	17-4	CXD1095Q .....	17-9	MC14053BCP .....	17-23
RD77ESB .....	17-3	2SC4177 .....	17-4	CXD1151Q .....	17-10	MC14053BF .....	17-23
RD77M .....	17-3	2SC4178 .....	17-4	CXD1171M .....	17-9	MC14066BF .....	17-24
RD77MB .....	17-3	2SC4178-F13 .....	17-4	CXD1175AM .....	17-11	MC14069UBF .....	17-24
RD77M-B? .....	17-3	2SC4213A .....	17-4	CXD1216M .....	17-11	MC14576BF .....	17-24
SB007-03CP .....	17-3	2SD1020 .....	17-4	CXD1217M .....	17-38	MC1488M .....	17-39
SB01-05CP .....	17-3	2SD1021 .....	17-4	CXD2202Q .....	17-12	MC1489M .....	17-39
UZM77B .....	17-3	2SD596-DV5 .....	17-4	CXD2207Q .....	17-13	MC34051M .....	17-24
LED		2SD773 .....	17-4	CXD8161AQ .....	17-16	MC68HC05CB .....	17-24
GL480 .....	17-3	2SD788 .....	17-4	CXD8165Q .....	17-15	MC74HC173F .....	17-25
MISCELLANEOUS		2SJ106 .....	17-4	CXD8176AQ .....	17-14	MC74HC4002F .....	17-25
DM-230 .....	17-3	2SJ226 .....	17-5	CXD8243AM .....	17-14	MC74HC4024N .....	17-25
GP1A30R .....	17-3	2SK209 .....	17-5	CXD8310M .....	17-10	MC74HC4538AN .....	17-26
TRANSISTOR		2SK852-X2 .....	17-5	CXD8313Q .....	17-18	MS6264CLL-10FC .....	17-25
2SA1020 .....	17-3	2SK94-X4 .....	17-5	CXD8384Q .....	17-40	NJM2068DD .....	17-26
2SA1115 .....	17-3	DTA123JU .....	17-5	CKX48324Q .....	17-16	NJM2903D .....	17-19
2SA1141 .....	17-3	DTA144EU .....	17-5	HD6435348RA00F .....	17-20	NJM360M .....	17-26
2SA1150 .....	17-3	DTC144ES .....	17-4	L78M09T-FA .....	17-19	NJM4556M .....	17-26
2SA1175 .....	17-3	DTC144EU .....	17-5	L79M05T-FA .....	17-19	NJM4556M-A .....	17-26
2SA1232 .....	17-3	FMS1 .....	17-5	L79M09T-FA .....	17-19	NJM4558D-FA .....	17-26
2SA1319 .....	17-3	FMS2 .....	17-5	LA7205 .....	17-19	NJM4558D .....	17-26
2SA1610 .....	17-3	FMW1 .....	17-5	LB1620 .....	17-20	NJM4558M .....	17-26
2SA1611 .....	17-3	FMW2 .....	17-5	LM1881M .....	17-19	NJM78L09A .....	17-26
2SB1094 .....	17-4	FMW7 .....	17-5	LM2903P .....	17-19	NJM78M09FA .....	17-26
2SB1416 .....	17-4	FMW8 .....	17-5	LM2903PS .....	17-19	NJM79L05A .....	17-26
2SB733 .....	17-4	FMY3 .....	17-5	LM311PS .....	17-19	NJM79L09A .....	17-26
2SB733-34 .....	17-4	IMX1 .....	17-5	LM358P .....	17-19	NJM79M09FA .....	17-27
		IMZ1 .....	17-5			PQ05SZ51 .....	17-19
		PT480 .....	17-5			PQ30RV1 .....	17-27
						PQ30VB11 .....	17-27
						SC14S66F .....	17-27
						SC14S66FEL .....	17-27
						SC7S04F .....	17-27



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SN74HC04ANS .....	17-27	UPD75028GC .....	17-35
SN74HC08AN .....	17-27	UPD75048CW .....	
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SN74HC268ANS .....	17-29		
SN74HC27ANS .....	17-29		
SN74HC273ANS .....	17-40		
SN74HC32ANS .....	17-29		
SN74HC541ANS .....	17-29		
SN74HC7266NS .....	17-29		
SN74HC74AN .....	17-29		
SN74HC74ANS .....	17-29		
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SN74HCU04AN .....	17-27		
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SRM2016M10 .....	17-30		
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TC74HC123AF .....	17-31		
TC74HC191AF .....	17-31		
TC74HC221AF .....	17-30		
TC7S04F .....	17-27		
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UPC358C .....	17-19		
UPC358G2 .....	17-19		
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UPC4558G2 .....			
UPC4570C .....	17-32		
UPC4570G2 .....	17-32		
UPC4574G2 .....	17-32		
UPC78L05T .....	17-32		
UPD4053BC .....	17-23		
UPD42101C-3 .....	17-32		
UPD42101G-3 .....	17-32		
UPD42505C-50 .....	17-42		

# DIODE, LED, MISCELLANEOUS

## DIODE



10E-2  
11E2  
1SS119  
1SS119TD  
RB441Q

TOP VIEW



1SS303

TOP VIEW



1SS304

TOP VIEW



1SV160



1T33C

TOP VIEW



DA204U



DA210S



KV1470



RD ? ? ES8



RD ? ? MB  
RD ? ? MB  
RD ? ? MB  
UZM ? ? B



SB007-03CP



SB01-05CP

## LED



GL480 ; INFRARED

## MISCELLANEOUS

TOP VIEW



DM-230

— Symbolic Circuit —



GP1A30R



TRANSISTOR

TRANSISTOR



2SA1020



2SA1115  
2SA1150



2SA1141



2SA1175  
2SB810



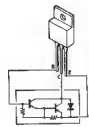
2SA1232



2SA1319



2SA1610  
2SA1611



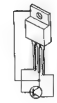
2SB1094



2SB1418



2SB733  
2SB733-34



2SB941



2SC2458



2SC2685  
2SC768



2SC2715  
2SC2719Y  
2SC3735  
2SC4176  
2SC4176-B35  
2SC4177  
2SC4177-L6  
2SC4178  
2SC4178-F13  
2SC4213A  
2SD998-DV5



2SC2785  
2SD1020  
2SD1021



2SC3012



2SC3332



2SC398 (R1 = 47K, R2 = 47K)  
DTC146S (R1 = 47K, R2 = 47K)



2SD2136



2SD773



2SJ106



2SJ226



2SK209  
2SK853-X2  
2SK84-X4



DTA123JU ( $R1 = 2.2K$ ,  $R2 = 47K$ )  
DTA144EU ( $R1 = 47K$ ,  $R2 = 47K$ )



DTC144EU ( $R1 = 47K$ ,  $R2 = 47K$ )



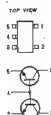
FMS1



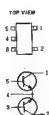
FMS2



FMW1  
FMW8



FMW2



FMW7



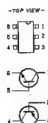
FMY3



IMX1



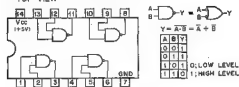
IMZ1



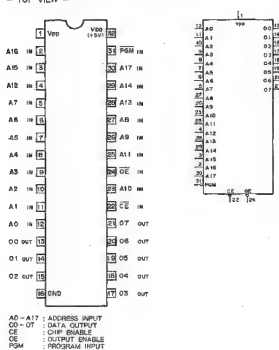
PT480



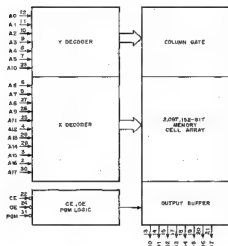
74F00SJ (NS) FLAT PACKAGE  
TTL 2-INPUT POSITIVE-NAND GATE  
- TOP VIEW -



AM7C020-1500C (AMD)  
CMOS 2M (262,144x8)-BIT UV EPASABLE PROM  
- TOP VIEW -



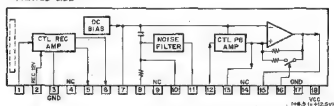
A0-A17 : ADDRESS INPUT  
Q0-Q7 : DATA OUTPUT  
CE : CHIP ENABLE  
OE : OUTPUT ENABLE  
PGM : PROGRAM INPUT



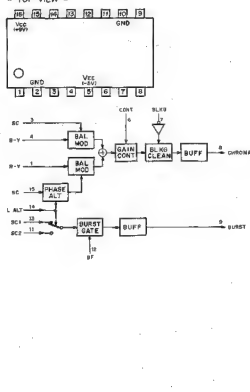
AN77L05 (PANASONIC) +5V  
POSITIVE VOLTAGE REGULATOR  
- FRONT VIEW -



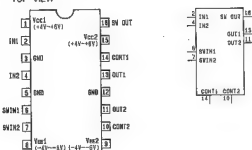
BK3914 (SONY)  
CTL REG/PB AMPLIFIER  
- PRINTED SIDE -



CX22017 (SONY)  
VIDEO SIGNAL PROCESSOR  
- TOP VIEW -

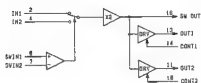


CXA1451M (SONY)  
WIDEBAND VIDEO SWITCH  
- TOP VIEW -

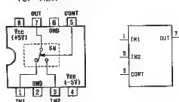


INPUT  
CONT1, 2: POWER SAVE CONTROL PIN OF DRV1 AND DRV2  
IN1, 2: 1/2 CHANNEL INPUT PIN  
SW1, 2: IN1/IN2 PINS SWITCH CONTROL PIN

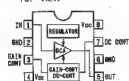
OUTPUT  
OUT1, 2: OUTPUT PIN OF DRV1/2  
SWOUT: OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN SELECTED BY SWITCH.



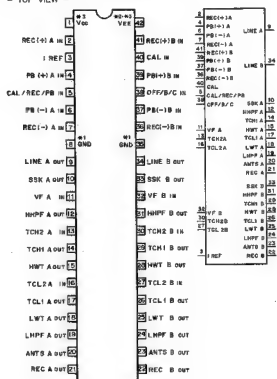
CXA1450M (SONY) FLAT PACKAGE  
VIDEO SIGNAL SWITCH  
- TOP VIEW -



CXA1521M (SONY)  
GAIN CONTROL AMP  
- TOP VIEW -

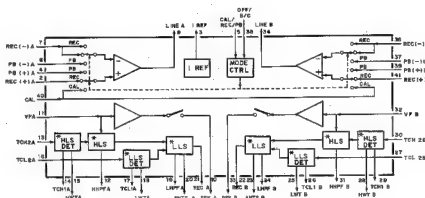


CX2018S (SONY)  
DOLBY B TYPE AND C TYPE, NOISE REDUCTION SYSTEM  
- TOP VIEW -

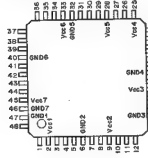


\*1: ONE POWER = VCC/2, TWO POWER = GND  
\*2: ONE POWER = GND, TWO POWER = VCC  
\*3: Vcc - VEE : +8 to +21V

ANTS: ANTI SATURATION  
CAL: CALIBRATION  
CAL/REC/PB: CALIBRATION/REC/ PB SELECT  
NHFF: HLS HIGH PASS FILTER  
HWT: HLS WAITING  
I REF: REFERENCE SOURCE CURRENT  
LHFF: HLS HIGH PASS FILTER  
LWT: HLS WAITING  
OFF/B/C: DOLBY NR OFF/B-TYPE/C-TYPE SELECT  
SSK: SPECTRAL SKEWING SWITCH  
TCH: HLS DETECTOR TIME CONSTANT  
TCL: HLS DETECTOR TIME CONSTANT  
VF: ENCODE INPUT  
\*HLS: HIGH LEVEL STAGE  
\*LLS: LOW LEVEL STAGE



**CXA1370Q (SONY)**  
**DEMODULATOR/OVER MODULATION COMPENSATOR**  
 - TOP VIEW -



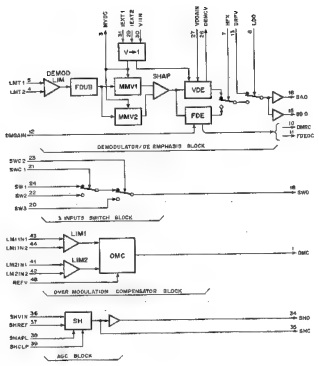
PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL
1	O	QMC	19	I	DRVP	25	-	Vcc4	37	I	SHREF
2	-	Vcc1	14	-	GND6	26	O	DMCV	38	I	SHAPL
3	O	MMVC	15	O	BDO	27	I	VDGAIN	39	I	SHAPL
4	I	LMT2	16	O	BDO	28	-	Vcc5	40	-	GND5
5	I	LMT1	17	-	Vcc3	29	I	IXT1	41	I	LM2IN1
6	-	GND2	18	O	SWO	30	I	VIN	42	I	LM2IN2
7	I	HFA	19	-	GND4	31	I	IXT2	43	I	LM2IN1
8	-	Vcc2	20	I	SWC1	32	-	GND3	44	I	LM2IN2
9	-	Vcc2	21	I	SWC2	33	-	Vcc6	45	-	Vcc7
10	O	DMRC	22	I	SW2	34	O	SHO	46	-	GND7
11	O	DMRC	23	I	SWC2	35	O	SHC	47	-	GND1
12	I	DMGAIN	24	I	SW1	36	I	SHVIN	48	I	REFV

(Vcc = +5V)

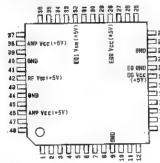
Vcc1, GND1: FOR OVER MODULATION COMPENSATOR  
 Vcc2, GND2: FOR DEMODULATOR  
 Vcc3, GND3: FOR BUFFER  
 Vcc4, GND4: FOR 3 INPUT SWITCH  
 Vcc5, GND5: FOR DEMODULATOR  
 Vcc6, GND6: FOR SAMPLE HOLD  
 Vcc7, GND7: FOR LIMITER

PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL
1	I	LMT1	19	I	DRVP	25	-	Vcc4	37	I	SHREF
2	-	Vcc1	14	-	GND6	26	O	DMCV	38	I	SHAPL
3	O	MMVC	15	O	BDO	27	I	VDGAIN	39	I	SHAPL
4	I	LMT2	16	O	BDO	28	-	Vcc5	40	-	GND5
5	I	LMT1	17	-	Vcc3	29	I	IXT1	41	I	LM2IN1
6	-	GND2	18	O	SWO	30	I	VIN	42	I	LM2IN2
7	I	HFA	19	-	GND4	31	I	IXT2	43	I	LM2IN1
8	-	Vcc2	20	I	SWC1	32	-	GND3	44	I	LM2IN2
9	-	Vcc2	21	I	SWC2	33	-	Vcc6	45	-	Vcc7
10	O	DMRC	22	I	SW2	34	O	SHO	46	-	GND7
11	O	DMRC	23	I	SWC2	35	O	SHC	47	-	GND1
12	I	DMGAIN	24	I	SW1	36	I	SHVIN	48	I	REFV

INPUT: FOR RESISTOR  
 QMC: VIDEO SIGNAL  
 DRVP: SWITCH CONTROL  
 HFA: FOR RESISTOR  
 LMT1, 2: OVER MODULATION COMPENSATE LIMITER  
 LMT2: DEMODULATE LIMITER  
 LDO: SWITCH CONTROL  
 REFV: REFERENCE VOLTAGE  
 SHAPL: FOR RESISTOR  
 SHREF: SAMPLE HOLD PULSE  
 SHVIN: SAMPLE HOLD COMPENSATE VIDEO  
 SW1-3: 3 INPUT SWITCH  
 SWC1, 2: 3 INPUT SWITCH CONTROL  
 VCCAIN: GAIN CONTROL VOLTAGE  
 VIN: V-I CONTROL VOLTAGE  
 OUTPUT: DEMODULATOR  
 BDO, BDO: VARIABLE DEMODULATION CONSTANT  
 DMCV: FIXED DEMODULATION CONSTANT  
 DMRC: FIXED DEMODULATION DECOUPLING  
 MMVC: OVER MODULATION COMPENSATION  
 QMC: SAMPLE HOLD CAPACITY  
 SHO: SAMPLE HOLD  
 SWO: 3 INPUT SWITCH



**CXA1479Q (SONY)**  
**PD RF SIGNAL PROCESSOR FOR VTR**  
 - TOP VIEW -



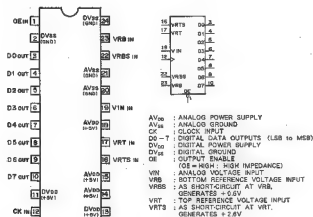
PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL	PN	I/O	SIGNAL
1	I	CHSW CONT	13	I	OFF SET1	25	-	EQ2MAIN	37	O	AB RF OUT
2	I	OFF SET2	14	I	OFF SET2	26	I	EQ2MAINCONT	38	-	AMP Vcc
3	O	ADR OUT	15	I	EQ2EL	27	I	EQ2MAIN	39	I	REFAIN
4	I	ENVB1	16	I	IF B	28	-	EQ2 Vcc	40	-	GND
5	I	ENVB1	17	-	DO L	29	O	EQ2 OUT	41	I	REFB1
6	O	THOUT	18	O	DO EQ	30	I	EQ2 CONT	42	-	RF Vcc
7	I	TH CONT	19	-	DO Vcc	31	I	EQ2B1	43	I	REFB2
8	O	DO OUT	20	-	EQ2B2	32	-	EQ2 Vcc	44	-	GND
9	O	REF	21	O	EQ2MAINOUT	33	I	EQ2MAIN	45	I	REFOUT
10	I	ENVB1	22	-	GND	34	I	GAIN CONT	46	-	AMP Vcc
11	O	DET OUT2	23	O	EQ2SUBOUT	35	O	SWD RF	47	O	CO RF OUT
12	O	DET OUT1	24	I	EQ2SUBCONT	36	I	RF LEVEL	48	I	MODE CONT





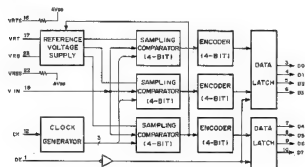


**CXD1175AM (SONY) FLAT PACKAGE**  
**C-MOS 8-BIT 20MSPS VIDEO A/D CONVERTER**  
 - TOP VIEW -

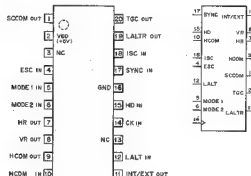


STOP	INPUT SIGNAL	D0	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24
0	V <sub>RT</sub>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	SRV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
127	1.54V	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	1.35V	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
255	2.1V (VR <sub>BS</sub> )	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

0 : LOW LEVEL  
 1 : HIGH LEVEL

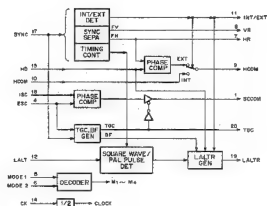


**CXD1218M (SONY) FLAT PACKAGE**  
**C-MOS GENLOCK DRIVER**  
 - TOP VIEW -



INPUT	MODE	SYSTEM
0	0	M1 PAL-VBS
1	0	M2 PALM-VBS
0	1	M3 PAL-BICAM-VSSCALY
1	1	M4 VTRC-VBS VTRC-VBSO PALM-VBSCHALT

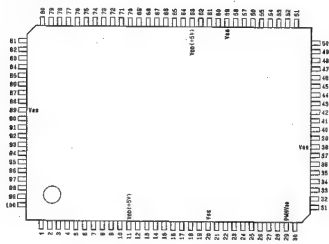
0 : LOW LEVEL  
 1 : HIGH LEVEL



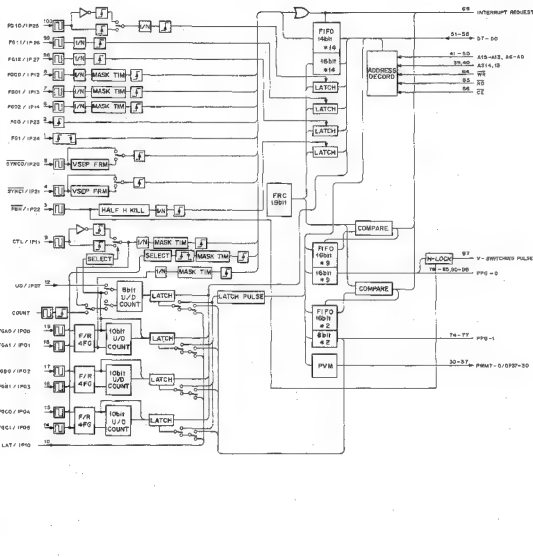
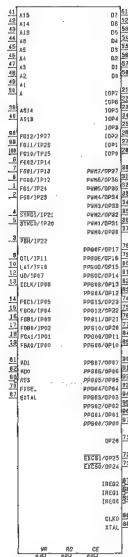
**INPUT**  
 CK : 4MHz CLOCK INPUT  
 ESC : SC/COLOR BURST  
 HCOM : PHASE COMPARE FROM CXD1217  
 HD : H DRIVE FROM CXD1217  
 ISC : SUBCARRIER FROM CXD1217  
 LALT : LALT FROM REFERENCE SIGNAL GENERATOR  
 MODE1 : SYSTEM SELECT  
 SYNC : SYNC FROM REFERENCE SIGNAL GENERATOR

**OUTPUT**  
 HCOM : PHASE COMPARE FROM HR WITH HD  
 HR : 1/2 OF SYNC SEPARATE  
 INT/EXT : INTERNAL/EXTERNAL SPECIFIED  
 LALTR : LINE CHANGE RESET  
 SCOM : PHASE COMPARE ESC WITH ISC  
 TSC : TRISTATE CONTROL  
 VR : 1/2 OF SYNC SEPARATE

CXD2020 (SONY)  
SERVO IC  
- TOP VIEW -



VDD = +5V											
Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL
1	I	FS1/P24	26	L/O	QD2	51	L/O	QD7	76	O	PP01/O21
2	I	FS0/P23	27	L/O	QD1	52	L/O	QD6	77	O	PP01/O20
3	I	FSR/P22	28	L/O	QD0	53	L/O	QD5	78	O	PP01/O19
4	I	STRCK/P21	29	-	PRM VDD	54	L/O	QD4	79	O	PP01/O18
5	I	STRCK/P20	30	O	PRMT/CP27	55	L/O	QD3	80	O	PP01/O17
6	I	FS02/P14	31	O	PRMS/CP36	56	L/O	QD2	81	O	PP01/O16
7	I	FS01/P13	32	O	PRMS/CP35	57	L/O	QD1	82	O	PP01/O15
8	I	FS00/P12	33	O	PRML/CP34	58	L/O	QD0	83	O	PP01/O14
9	I	CTL/P11	34	O	PRML/CP33	59	-	Vss	84	O	PP01/O13
10	I	LAT/P10	35	O	PRMS/CP32	60	I	RES	85	O	PP01/O12
11	-	VDD	36	O	PRML/CP31	61	I	MD0	86	O	CLKO
12	I	US2/P07	37	O	PRML/CP30	62	I	MD0	87	I	XTAL
13	I	CDLX/P06	38	-	Vss	63	-	VDD	88	O	XTAL
14	I	FS01/P05	39	I	AS14	64	I	WR	89	-	Vss
15	I	FS00/P04	40	I	AS13	65	I	RD	90	O	PP07/CP07
16	I	FS01/P03	41	I	A15	66	I	OE	91	O	PP06/CP06
17	I	FS00/P02	42	I	A14	67	O	PE02	92	O	PP05/CP05
18	I	FS01/P01	43	I	A13	68	O	PE01	93	O	PP04/CP04
19	I	FS00/P00	44	I	A5	69	O	PE00	94	O	PP03/CP03
20	-	Vss	45	I	A5	70	I	FXSEL	95	O	PP02/CP02
21	L/O	QD7	46	I	A4	71	O	CP33	96	O	PP01/CP01
22	L/O	QD6	47	I	A3	72	O	EX05/CP05	97	O	PP00/CP00
23	L/O	QD5	48	I	A2	73	O	PR30/CP30	98	I	IG12/P27
24	L/O	QD4	49	I	A1	74	O	PR13/CP13	99	I	PR13/CP13
25	L/O	QD3	50	I	A0	75	O	PR12/CP12	100	I	FS01/P23



CXD2207Q (SONY)

C-MOS TBC WRITE CLOCK GENERATOR FOR BETACAM  
- TOP VIEW -

**INPUT**

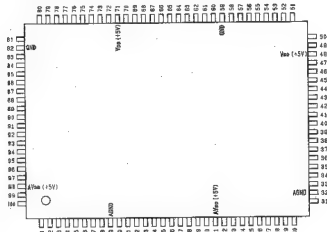
AS - A15 : ADDRESS BUS  
AS15, AS14 : SELECTING CONDITION OF ADDRESS DECODER  
COLK : 9-BIT COUNTER CLK INPUT  
CE : CHIP ENABLE  
CTL : RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.  
WITH FREQUENCY DIVISION MASK TIMER  
EXTAL : CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT  
FG0 : RESOLUTION 2.5MHz  
FG00 - FG03 : FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.  
WITH FREQUENCY DIVISION MASK TIMER  
FG1 : RESOLUTION 2.5MHz BOTH EDGES  
FG10 : EDGE SELECTION ENABLE RESOLUTION 10MHz  
FG11, 12 : FREQUENCY DIVISION ENABLE RESOLUTION 10MHz  
FGA0 : PERFORMS FORWARD/REVERSE ROTATION  
DETECTION AND ARG COUNT UP/DOWN BY FGA0  
AND FGA1. 10 BITS UP/DOWN IS MADE BY  
CONTROLLING THE UP/DOWN OF 9-BIT COUNTER  
FGA1 : ARG PERFORMS FREQUENCY DIVISION AND FRC  
CAPTURE THROUGH MASK TIMER  
\* 1 : SELECTS ONE OF FGA0 TO FGA1 INPUT AND  
DETECTS BOTH EDGES AND PERFORM THE FRC  
CAPTURE THROUGH THE MASK TIMER  
FGB0 : PERFORMS FORWARD/REVERSE ROTATION  
DETECTION AND ARG COUNT BY FGB0 AND FGB1  
FGB1 : \* 1 : SELECTS ONE OF FGA0 TO FGA1 INPUT AND  
DETECTS BOTH EDGES AND PERFORM THE FRC  
CAPTURE THROUGH THE MASK TIMER  
FGC0 : PERFORMS FORWARD/REVERSE ROTATION  
DETECTION AND ARG COUNT BY FGC0 AND FGC1  
FGC1 : \* 1 : SELECTS ONE OF FGA0 TO FGA1 INPUT AND  
DETECTS BOTH EDGES AND PERFORM THE FRC  
CAPTURE THROUGH THE MASK TIMER  
FXSE, LAT : FREQUENCY DIVISION SELECTION OF CLOCK INPUT  
MDG, 1 : EXTERNAL LATCH TRIGGER OF UP/DOWN COUNTER  
PR1 : TEST MODE DESIGNATION  
PR1 : INPUT OF COMPOSITE SYNC OR H SYNC.  
RESOLUTION 10MHz WITH HALF H ROLLER.  
RD : REFE  
RES : RESET  
SYNCD, 1 : INPUT OF COMPOSITE SYNC OR V SYNC.  
RESOLUTION 2.5MHz  
WD : 9-BIT COUNTER UP/DOWN INPUT  
WR : WRITE

**OUTPUT**

CLKO : CLOCK OUTPUT  
EXCSA, 1 : DECODE AT ADDRESS AS LEVEL  
REGD : INTERRUPTION SIGNAL OF FRC CAPTURE UNIT  
REGI : COINCIDENCE INTERRUPTION OF PRG0  
REG2 : COINCIDENCE INTERRUPTION OF PRG1  
CP2S : EXCLUSIVELY OUTPUT PORT  
PRG00 - PRG03 : PROGRAMMABLE PULSE GENERATOR  
RESOLUTION 1.5MHz PRG0; WITH H LOCK  
PRW0 - PRW5 : PWM OUTPUT NORMALLY PWM; OR PRW0 AND  
PRW1, PRW2 AND PRW3, OR PRW4 AND PRW5  
OUTPUT SIGNAL CORRESPOND TO PUSH-PULL  
PRW6, 7 : PWM OUTPUT  
XTAL : CRYSTAL OSCILLATION

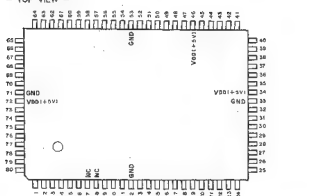
**INPUT/OUTPUT**

DO - DT : DATA BUS  
IOP0 - IOP7 : SELECTS AND USES INPUT AND OUTPUT BY  
EVERY 1 BIT.



Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL	Pin No.	I/O	SIGNAL
1	O	SYNCD	26	I	FOPO	51	I	PBE	76	I	SVLK
2	I	BLK	27	I	SHOT	52	I	NDS	77	I	SVDO
3	I	VMM	28	I	SCD	53	I	SPD	78	I	OFF
4	I	REF3	29	O	BCPD	54	I	RSD	79	O	KCK
5	I	VNG	30	I	ICPX	55	I	FBUD	80	O	DS
6	O	VDTS	31	O	BCPD	56	I	DO	81	L/O	MD0
7	I	AS	32	-	ASNG	57	I	GBD	82	-	GBD
8	I	ACPI	33	I	AIZ	58	I	GAT	83	L/O	MD1
9	-	AGND	34	I	DGPI	59	-	GRD	84	L/O	MD2
10	I	ACPX	35	I	ICPX	60	I	GH	85	L/O	MD3
11	O	ACPD	36	O	DCPD	61	O	WCP	86	L/O	MD4
12	I	SMPL	37	I	VECI	62	O	ACP	87	L/O	MD5
13	I	CH	38	I	VGEN	63	O	TOUF	88	L/O	MD6
14	I	BCPX	39	I	MD1	64	O	AZZ	89	L/O	MD7
15	I	BCPD	40	I	MD2	65	O	AZ1	90	I	AMD
16	I	SHG1	41	I	MT	66	O	WZ	91	I	YBZ
17	I	SHG2	42	I	YC	67	I	CKN	92	I	REF1
18	I	SHG3	43	I	TMOD	68	O	GCK	93	I	REF2
19	O	EN1	44	I	TCIK	69	O	ADK	94	I	VH1
20	O	EN2	45	I	TCAT	70	O	ADK	95	I	ADP
21	-	AVDD	46	I	BTS	71	-	VDD	96	I	ADPX
22	I	COP1	47	I	REST	72	O	DM	97	O	ADPO
23	I	COXP	48	-	VDD	73	O	SSH	98	-	AVDD
24	O	COPD	49	I	DPF	74	O	DCP	99	I	AD1
25	I	COXP	50	O	SHD	75	I	ERR	100	I	CGPI

## CXD8176AQ (NEC)

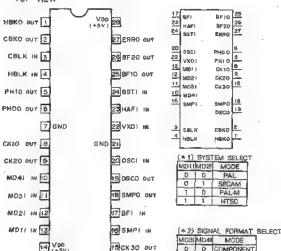
CMOS DUAL PORT RAM CONTROLLER  
- TOP VIEW -

PRN	L/O	SIGNAL	PRN	L/O	SIGNAL	PRN	L/O	SIGNAL	PRN	L/O	SIGNAL	V <sub>max</sub> = 5.0
1	L2D	50L	21	L1O	27R	41	L1O	03M	61	L1	A1S	
2	L	WRE	22	L1O	06R	42	L1O	04M	62	L1	ASL	
3	L	WRE	23	L1O	07R	43	L1O	05M	63	L1	ASL	
4	O	WATL	24	L1O	04R	44	L1O	03M	64	L1	ATL	
5	L	CSL	25	L1O	03R	45	L1O	02M	65	L1	ASL	
6	L	CSL	26	L1O	02R	46	L1O	01M	66	L1	ASL	
7	L	NC	27	L1O	01R	47	L1O	01M	67	L1	ASL	
8	L	NC	28	L1O	00R	48	L1O	00M	68	L1	ASL	
9	L	ALGR	29	L	WHR	49	L1O	03M	69	L1	ASL	
10	L	ASR	30	L	WHR	50	L1O	04M	70	L1	ASL	
11	L	ASR	31	O	WATL	51	O	ASL	71	L1	ASL	
12	L	ASR	32	L	WHR	52	O	ASL	72	L1	ASL	
13	L	ASR	33	L	WHR	53	O	ASL	73	L1	ASL	
14	L	GND	34	GND	GND	54	O	ASL	74	L1O	ATL	
15	L	ASR	35	L	WHR	55	O	ASL	75	L1O	ATL	
16	L	ASR	36	L	WHR	56	O	ASL	76	L1O	ATL	
17	L	ASR	37	O	WATL	57	O	ASL	77	L1O	ATL	
18	L	ASR	38	O	WATL	58	O	ASL	78	L1O	ATL	
19	L	ASR	39	O	WATL	59	O	ASL	79	L1O	ATL	
20	AL	ASR	40	L1O	07R	60	L1O	01M	80	L1O	ATL	

ADP	A00	23	<b>INPUT</b>	
ADR	A01	24	ADR = A10L	A - ADDRESS BUS OF PORT L
ADR	A02	25	ADR = A10R	A - ADDRESS BUS OF PORT R
AEL	A10	26	CLK	CLOCK OF PORT L
AEL	A11	27	CRP	CLOCK OF PORT R
AEL	A12	28	CSL	CHIP SELECT OF PORT L
AEL	A13	29	CSR	CHIP SELECT OF PORT R
AEL	A14	30	REL	READ STROBE OF PORT L
AEL	A15	31	RDR	READ STROBE OF PORT R
ATL	A16	32	WRL	WRITE STROBE OF PORT L
ATL	A17	33	WRR	WRITE STROBE OF PORT R
ATL	A18	34		
ATL	A19	35		
ATL	A20	36		
ATL	A21	37		
ATL	A22	38		
ATL	A23	39		
ATL	A24	40		
ATL	A25	41		
ATL	A26	42		
ATL	A27	43		
ATL	A28	44		
ATL	A29	45		
ATL	A30	46		
ATL	A31	47		
ATL	A32	48		
ATL	A33	49		
ATL	A34	50		
ATL	A35	51		
ATL	A36	52		
ATL	A37	53		
ATL	A38	54		
ATL	A39	55		
ATL	A40	56		
ATL	A41	57		
ATL	A42	58		
ATL	A43	59		
ATL	A44	60		
ATL	A45	61		
ATL	A46	62		
ATL	A47	63		
ATL	A48	64		
ATL	A49	65		
ATL	A50	66		
ATL	A51	67		
ATL	A52	68		
ATL	A53	69		
ATL	A54	70		
ATL	A55	71		
ATL	A56	72		
ATL	A57	73		
ATL	A58	74		
ATL	A59	75		
ATL	A60	76		
ATL	A61	77		
ATL	A62	78		
ATL	A63	79		
ATL	A64	80		
ATL	A65	81		
ATL	A66	82		
ATL	A67	83		
ATL	A68	84		
ATL	A69	85		
ATL	A70	86		
ATL	A71	87		
ATL	A72	88		
ATL	A73	89		
ATL	A74	90		
ATL	A75	91		
ATL	A76	92		
ATL	A77	93		
ATL	A78	94		
ATL	A79	95		
ATL	A80	96		
ATL	A81	97		
ATL	A82	98		
ATL	A83	99		
ATL	A84	100		
ATL	A85	101		
ATL	A86	102		
ATL	A87	103		
ATL	A88	104		
ATL	A89	105		
ATL	A90	106		
ATL	A91	107		
ATL	A92	108		
ATL	A93	109		
ATL	A94	110		
ATL	A95	111		
ATL	A96	112		
ATL	A97	113		
ATL	A98	114		
ATL	A99	115		
ATL	A100	116		
ATL	A101	117		
ATL	A102	118		
ATL	A103	119		

## CXDB243AM (SONY) FLAT PACKAGE

C-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR  
- TOP VIEW -



IN 2007

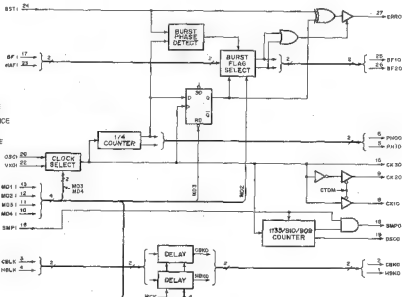
- |        |   |
|--------|---|
| BF1    | BURST FLAG                                  |
| BST1   | BURST FOR PHASE COMPARISON                  |
| CBLK   | CHROMA BLANKING PULSE                       |
| HAF1   | TRIGGER PULSE FOR BURST 1                   |
| HBLK   | H BLANKING PULSE                            |
| MD1, 2 | SYSTEM SELECT (*1)                          |
| MS1, 2 | SIGNAL FORMAT SELECT (*2)                   |
| OSC1   | H LOCK LOOP VCO                             |
| SAMP1  | TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP |
| VXO1   | BURST LOCK LOOP VCO                         |

## CONCLUSION

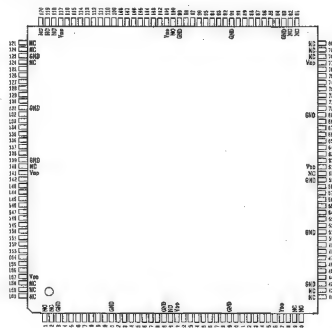
- ```

OUTPUT
BF1: 20 : BURST FLAG
CBK0 : CHROMA BLANKING PULSE
CK1 = 30 : CLOCK, SELECTED BY MODE
DSC0 : TRAPEZOID GENERATOR
        DISCHARGE PULSE
ERNO : BURST PHASE COMPARISON
        ERROR
HBK0 : H BLANKING PULSE
PH00 : 2FSC
PH10 : FSC
SMPO : TRAPEZOID SAMPLING PULSE
        OF THE H LOCK LOOP

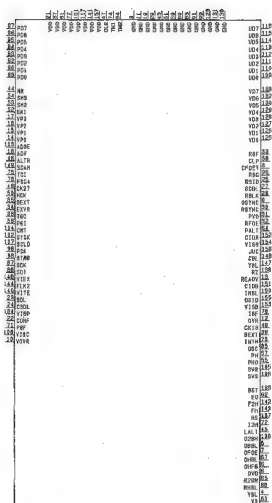
```



CX06185Q (SONY) FLAT PACKAGE  
CMOS REFERENCE SYNC GENERATOR  
- TOP VIEW -

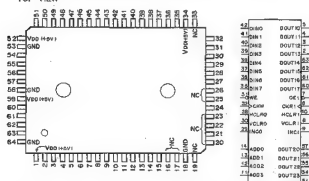


| Pin No. | I/O | SIGNAL | Pin No. | I/O | SIGNAL | Pin No. | I/O | SIGNAL | Pin No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | -   | NC     | 41      | -   | NC     | 81      | -   | NC     | 121     | -   | NC     |
| 2       | -   | NC     | 42      | -   | NC     | 82      | -   | NC     | 122     | -   | NC     |
| 3       | -   | NC     | 43      | -   | NC     | 83      | -   | NC     | 123     | -   | NC     |
| 4       | I/O | VBL    | 44      | I   | HRI    | 84      | I   | TM2    | 124     | -   | NC     |
| 5       | I/O | CHBL   | 45      | I/O | LALY   | 85      | O   | OSC    | 125     | O   | VDO    |
| 6       | I/O | QVD    | 46      | I   | ALTR   | 86      | I   | SC1    | 126     | O   | VD1    |
| 7       | I/O | OPDE   | 47      | I   | CLR    | 87      | I   | SCX    | 127     | O   | VD2    |
| 8       | O   | CPCKT  | 48      | I   | CK27   | 88      | I   | STRB   | 128     | O   | VD3    |
| 9       | O   | OSYNC  | 49      | O   | CK13   | 89      | I/O | PRO    | 129     | O   | VD4    |
| 10      | I   | VD0R   | 50      | I   | HCK    | 90      | I/O | PD1    | 130     | O   | VD5    |
| 11      | -   | GND    | 51      | -   | GND    | 91      | -   | GND    | 131     | -   | GND    |
| 12      | O   | QVR    | 52      | I   | SM1    | 92      | I/O | PD2    | 132     | O   | VD6    |
| 13      | O   | READV  | 53      | I   | SM2    | 93      | I/O | PD3    | 133     | O   | VD7    |
| 14      | I   | VPO    | 54      | I   | SM3    | 94      | I/O | PD4    | 134     | I   | VEP    |
| 15      | I   | VPI    | 55      | O   | PMD    | 95      | I/O | PD5    | 135     | O   | BIT    |
| 16      | I   | VPI2   | 56      | I   | PPI    | 96      | I/O | PD6    | 136     | I/O | OZBH   |
| 17      | I   | VPI3   | 57      | O   | PI     | 97      | I/O | PD7    | 137     | I/O | HS     |
| 18      | I   | ADV    | 58      | O   | CLP    | 98      | I   | PK     | 138     | O   | RZ     |
| 19      | -   | GND    | 59      | -   | GND    | 99      | -   | GND    | 139     | -   | GND    |
| 20      | -   | NC     | 60      | -   | NC     | 100     | -   | NC     | 140     | -   | NC     |
| 21      | -   | VDD    | 61      | -   | NC     | 101     | -   | VDD    | 141     | -   | VDD    |
| 22      | I   | CONF   | 62      | I/O | GO     | 102     | I   | SYCK   | 142     | I/O | F24    |
| 23      | I   | SDL    | 63      | I/O | VS     | 103     | I   | ADDS   | 143     | I/O | PH     |
| 24      | I   | CSFL   | 64      | O   | PALT   | 104     | I   | CNT    | 144     | I   | FUCQ   |
| 25      | O   | RQD    | 65      | I/O | RIRH   | 105     | O   | SWR    | 145     | I   | VITE   |
| 26      | O   | RBO    | 66      | I/O | RIRK   | 106     | O   | SWR    | 146     | I   | VIEK   |
| 27      | O   | SCBL   | 67      | I/O | CHBL   | 107     | I   | SCLD   | 147     | O   | YBL    |
| 28      | O   | RRLX   | 68      | I/O | OFBS   | 108     | I   | VISC   | 148     | O   | QBL    |
| 29      | -   | GND    | 69      | -   | NC     | 109     | O   | UD0    | 149     | I   | SCAM   |
| 30      | O   | RSYNC  | 70      | O   | BP     | 110     | O   | UD1    | 150     | O   | ENBL   |
| 31      | O   | RVD    | 71      | I   | PBF    | 111     | O   | UD2    | 151     | O   | CD8    |
| 32      | O   | REON   | 72      | I/O | GO     | 112     | O   | UD3    | 152     | O   | CDR    |
| 33      | O   | RBF    | 73      | O   | INTH   | 113     | O   | UD4    | 153     | O   | VD8    |
| 34      | I   | EXVR   | 74      | I   | TM1    | 114     | O   | UD5    | 154     | O   | VISA   |
| 35      | I   | SEKT   | 75      | I   | TCI    | 115     | O   | UD8    | 155     | O   | CHD    |
| 36      | O   | SEKT   | 76      | I   | ESC4   | 116     | O   | UDT    | 156     | O   | ASC    |
| 37      | -   | VDD    | 77      | -   | VDD    | 117     | -   | VDD    | 157     | -   | VDD    |
| 38      | I   | TSC    | 78      | -   | NC     | 118     | -   | NC     | 158     | -   | NC     |
| 39      | -   | NC     | 79      | -   | NC     | 119     | -   | NC     | 159     | -   | NC     |
| 40      | -   | NC     | 80      | -   | NC     | 120     | -   | NC     | 160     | -   | NC     |



Pin 121: VDD  
Pin 122: VBL  
Pin 123: CHBL  
Pin 124: QVD  
Pin 125: OPDE  
Pin 126: CPCKT  
Pin 127: OSYNC  
Pin 128: VD0R  
Pin 129: GND  
Pin 130: QVR  
Pin 131: READV  
Pin 132: VPO  
Pin 133: VPI  
Pin 134: VPI2  
Pin 135: VPI3  
Pin 136: ADV  
Pin 137: GND  
Pin 138: VDD  
Pin 139: CONF  
Pin 140: SDL  
Pin 141: CSFL  
Pin 142: RQD  
Pin 143: RBO  
Pin 144: SCBL  
Pin 145: RRLX  
Pin 146: GND  
Pin 147: RSYNC  
Pin 148: RVD  
Pin 149: REON  
Pin 150: RBF  
Pin 151: EXVR  
Pin 152: SEKT  
Pin 153: SEKT  
Pin 154: VDD  
Pin 155: TSC  
Pin 156: NC  
Pin 157: NC

CXK48324Q (SONY)

CMOS 2.4M (960x308x8) BITS 3 PORTS VIDEO FIELD MEMORY  
- TOP VIEW -

| PN | N/O | SIGNAL | PN | N/O | SIGNAL | PN | N/O | SIGNAL | PN | N/O | SIGNAL |
|----|-----|--------|----|-----|--------|----|-----|--------|----|-----|--------|
| 1  | -   | VIN    | 23 | -   | NC     | 45 | -   | VCLR2  | 67 | -   | VIN    |
| 2  | 0   | D019   | 24 | -   | TE     | 46 | 1   | DEF2   | 68 | -   | DEF2   |
| 3  | 0   | D012   | 25 | -   | NC     | 47 | 1   | GNV2   | 69 | -   | GNV2   |
| 4  | 0   | D01    | 26 | -   | NC     | 48 | 0   | GNP    | 70 | -   | GNP    |
| 5  | 0   | D010   | 27 | -   | RM     | 49 | 0   | D028   | 71 | -   | D028   |
| 6  | 1   | CRK1   | 28 | 1   | HCLRD  | 50 | 0   | D026   | 72 | -   | D026   |
| 7  | 1   | CRK2   | 29 | 1   | NC     | 51 | 0   | D027   | 73 | -   | D027   |
| 8  | 1   | VCLR1  | 30 | 1   | VCLR0  | 52 | -   | VIN    | 74 | -   | VIN    |
| 9  | 1   | NC1    | 31 | 1   | VE     | 53 | -   | GNV    | 75 | -   | GNV    |
| 10 | 1   | HCLR1  | 32 | 1   | GNW    | 54 | 0   | D029   | 76 | -   | D029   |
| 11 | 1   | DEF1   | 33 | 1   | DEF    | 55 | 0   | D030   | 77 | -   | D030   |
| 12 | 1   | AD02   | 34 | -   | VIN    | 56 | 0   | D021   | 78 | -   | D021   |
| 13 | 1   | AD01   | 35 | 1   | DNK7   | 57 | 0   | D020   | 79 | -   | D020   |
| 14 | 1   | AD00   | 36 | -   | GNV    | 58 | 0   | DEF    | 80 | -   | DEF    |
| 15 | 1   | DEF    | 37 | 1   | GNP    | 59 | 0   | VIN    | 81 | -   | VIN    |
| 16 | -   | NC     | 38 | 1   | DP44   | 60 | -   | D017   | 82 | -   | D017   |
| 17 | -   | NC     | 39 | 1   | DNK3   | 61 | 0   | D016   | 83 | -   | D016   |
| 18 | -   | NC     | 40 | 1   | DNK2   | 62 | 0   | D015   | 84 | -   | D015   |
| 19 | -   | NC     | 41 | 1   | DNK1   | 63 | 0   | D014   | 85 | -   | D014   |
| 20 | -   | NC     | 42 | 1   | D010   | 64 | -   | D013   | 86 | -   | D013   |
| 21 | -   | NC     | 43 | 1   | HCLR2  | 65 | -   | D012   | 87 | -   | D012   |

INPUT

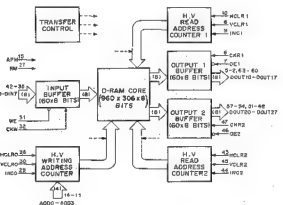
```

ADDR0 - ADDR3 : ADDRESS INPUT
APM : ADDRESS INPUT MODE ENABLE
CKR1, CKR2 : PORT 1 OR 2 SHIFT SIGNAL INPUT
CKW : PORT 0 SHIFT SIGNAL INPUT
DHR0 - DHR7 : PORT 0 DATA INPUT
HCLR0 - HCLR2 : PORT 0-2 HORIZONTAL CLEAR
INC0 - INC2 : PORT 0-2 LINE INCREMENT
RM : RECURSIVE MODE ENABLE
TE : TEST MODE ENABLE
VCLR0 - VCLR2 : PORT 0-2 VERTICAL CLEAR
OE1, OE2 : PORT 1 OR 2 OUTPUT ENABLE
WE : PORT 0 WRITE ENABLE

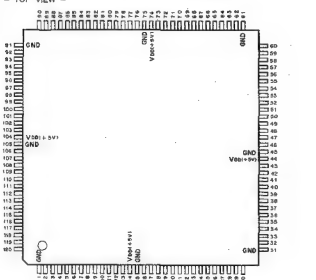
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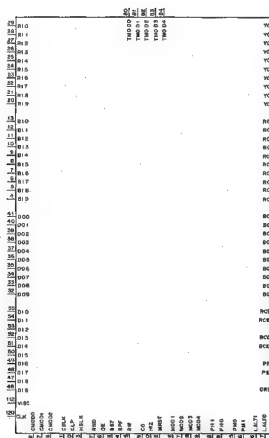
### OUTPUT

|             |                      |
|-------------|----------------------|
| DO10 – DO17 | : PORT 1 DATA OUTPUT |
| DO20 – DO27 | : PORT 2 DATA OUTPUT |



## CXDB161AQ (SONY) FLAT PACKAGE

CMOS DIGITAL Y/C SEPARATOR & CHROMA DECODER  
- TOP VIEW -[illegible]



## INPUT

DET : CORRELATION DETECT SENSITIVITY SELECT  
 BGT (H: 8 BITS/L: 7 BITS)  
 BW : B-Y DATA (COMPOSITE MODE)  
 BPF : BAND PASS FILTER SELECT  
 RW : COMPOSITE SIGNAL THROUGH OUT CONTROL  
 CLK : CHROMA BLANKING PULSE  
 CLK : CLAMP PULSE  
 \* 1) CMOD0 - D2 : Y/C CORRECTION MODE SELECT  
 CO : CHROMA DECODE CONTROL  
 DIO - D18 : 2H DELAY DATA (COMPOSITE MODE) for NTSC  
 4H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M  
 DDO - D08 : 1H DELAY DATA (COMPOSITE MODE) for NTSC  
 2H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M  
 HBLK : BLANKING PULSE  
 HZ : PULSE CONTROL  
 LALT : LINE ALTERNATE  
 \* 2) MODE1 - MODE4 : MODE SELECT  
 DE : OUTPUT ENABLE  
 PH1, PH1 : REFERENCE PULSE for CHROMA DECODE and VSC GENERATION  
 VSC : VSC GENERATION  
 RW - RW9 : COMPOSITE DATA (COMPOSITE MODE)  
 R-Y DATA (COMPOSITE MODE)  
 CHROMA DATA (CHROMA MODE)  
 RND : OUTPUT ROUND OFF SELECT  
 TMOD0 - D4 : TEST MODE/BYPASS STAGE SELECT  
 VSC : VERTICAL INTERVAL SUBCARRIER CONTROL  
 OUTPUT  
 B-Y : B-Y CLAMP ERROR SENSE  
 B-Y : B-Y CLAMP ERROR WIDTH  
 BGT - B08 : B-Y DATA (B GT: MODE)  
 CHRT : EXTERNAL DELAY LINE RESET  
 LALT : LINE ALTERNATE  
 PES : PHASE ERROR SENSE  
 PEW : PHASE ERROR WIDTH  
 RW : RW CLAMP ERROR SENSE  
 RW : RW CLAMP ERROR WIDTH  
 RW - RW9 : R-Y DATA (RW: MODE)  
 YD0 - Y08 : Y DATA (YD9: MODE)

## # 1)

| CMOD0 | CMOD1 | CMOD2 | MODE                  |
|-------|-------|-------|-----------------------|
| 0     | 0     | 0     | D-T FIX               |
| 0     | 0     | 1     | 1-12 FIX              |
| 0     | 1     | 0     | 0-1-2 RW              |
| 0     | 1     | 1     | BPF FIX               |
| 1     | 0     | 0     | 0-1/2/12/0-1 ADAPTIVE |
| 1     | 0     | 1     | 0-1/2/12/0-1 ADAPTIVE |
| 1     | 1     | 0     | 0-1/2/12/0-1 ADAPTIVE |
| 1     | 1     | 1     | 0-1/2/12/0-1 ADAPTIVE |

0 : LOW LEVEL 0-1 : UPPER 2 LINE COMB FILTER

1 : HIGH LEVEL 1-2 : LOWER 2 LINE COMB FILTER

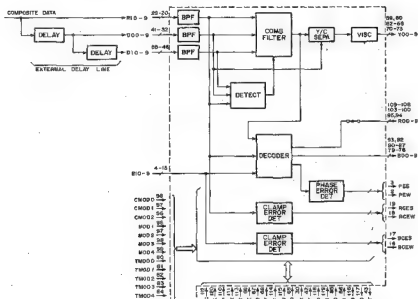
0-1-2 : UPPER/LOWER 3 LINE COMB FILTER

## # 2)

| MODE2 | MODE1 | MODE      |
|-------|-------|-----------|
| 0     | 0     | PAL       |
| 0     | 1     | PAL-M     |
| 1     | 0     | SECAM     |
| 1     | 1     | NTSC      |
| MODE4 | MODE3 | MODE      |
| 0     | 0     | COMPOSITE |
| 0     | 1     | COMPOSITE |
| 1     | 0     | CTIM      |
| 1     | 1     | CHROMA    |

0 : LOW LEVEL

1 : HIGH LEVEL

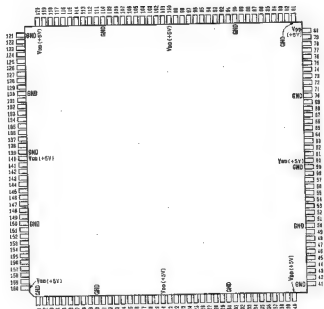




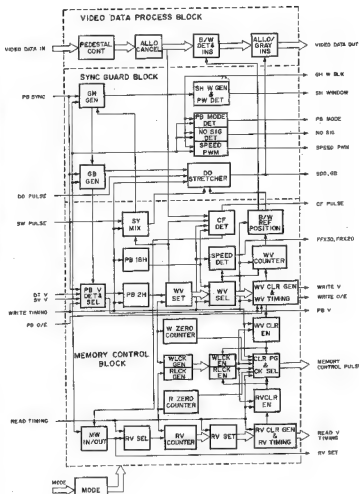
CXD6313Q (SONY)

- CMOS TBC

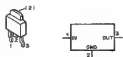
- TOP VIEW -



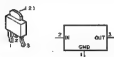
| Pin No. | I/O | Pin Name | Pin No. | I/O | Pin Name | Pin No. | I/O | Pin Name | Pin No. | I/O | Pin Name |
|---------|-----|----------|---------|-----|----------|---------|-----|----------|---------|-----|----------|
| 1       | -   | GND      | 41      | -   | GND      | 81      | -   | GND      | 121     | -   | GND      |
| 2       | I   | FWDCREV  | 42      | I/O | RMAB     | 82      | O   | RMAB     | 122     | I   | GND      |
| 3       | I   | XLS      | 43      | I/O | RMAB     | 83      | O   | COMPLK   | 123     | I   | DHB      |
| 4       | I   | NOPB     | 44      | I/O | WMAB     | 84      | O   | VELK2    | 124     | I   | DHB      |
| 5       | I   | HEE      | 45      | I/O | WVCL     | 85      | O   | VELK1    | 125     | I   | DHB      |
| 6       | I   | WPHASE   | 46      | I/O | TDY      | 86      | O   | ADDERX   | 126     | I   | ONE      |
| 7       | I   | SHEFTIN  | 47      | I   | TS19     | 87      | O   | ADDERY   | 127     | I   | DINA     |
| 8       | O   | VSCINP1  | 48      | I   | TS14     | 88      | O   | RDZ      | 128     | I   | DHB      |
| 9       | O   | VSCITP2  | 49      | I   | TS13     | 89      | O   | ROK      | 129     | I   | DHB      |
| 10      | -   | GND      | 50      | -   | GND      | 90      | -   | GND      | 130     | -   | GND      |
| 11      | I   | OSCON    | 51      | I   | TS12     | 91      | O   | VCLR2    | 131     | I   | DR1      |
| 12      | I   | MOD0     | 52      | I   | TS11     | 92      | O   | INZ      | 132     | I   | DHB      |
| 13      | I   | DT       | 53      | I   | TS10     | 93      | O   | NCLR2    | 133     | I   | WZ       |
| 14      | I   | DTX3     | 54      | I   | RLMOFF   | 94      | O   | MRC2     | 134     | I   | WZ       |
| 15      | I   | PDS      | 55      | I   | FLMOFF   | 95      | O   | VCLR1    | 135     | I   | ADWZ     |
| 16      | I   | DTV      | 56      | I   | MOD1     | 96      | O   | INZ      | 136     | I   | WZ       |
| 17      | I   | DDV      | 57      | I   | MOD10    | 97      | O   | NCLR1    | 137     | I   | VISZCMUT |
| 18      | I   | SWP      | 58      | I   | MCR7     | 98      | O   | MRC1     | 138     | I   | PRCK     |
| 19      | I   | FRX303   | 59      | -   | GND      | 99      | O   | VCLR0    | 139     | -   | GND      |
| 20      | -   | VDD      | 60      | -   | VDD      | 100     | -   | VDD      | 140     | -   | VDD      |
| 21      | O   | WNS      | 61      | I/O | BID      | 101     | O   | WDO      | 141     | I   | PRZ      |
| 22      | O   | WNS      | 62      | I/O | SDOR     | 102     | O   | NCLR0    | 142     | I   | PRSYNC   |
| 23      | O   | WNS      | 63      | I/O | MOD4     | 103     | O   | DOCLR    | 143     | O   | WCLK     |
| 24      | O   | WHITECT  | 64      | I   | MOD3     | 104     | O   | MWCK     | 144     | I/O | SH       |
| 25      | I   | DO       | 65      | I   | MOD2     | 105     | O   | WE       | 145     | O   | SHW      |
| 26      | I/O | PS16H    | 66      | I   | MOD1     | 106     | O   | DOO10    | 146     | I/O | SOD      |
| 27      | I/O | PS2H     | 67      | I   | JUC      | 107     | O   | DOO11    | 147     | I/O | OB       |
| 28      | O   | COUNTERR | 68      | I   | SGWCLK   | 108     | O   | DOO12    | 148     | O   | WDR      |
| 29      | I/O | REV      | 69      | I   | REFCE    | 109     | O   | DOO13    | 149     | I/O | FBIO     |
| 30      | -   | GND      | 70      | -   | GND      | 110     | -   | GND      | 150     | -   | GND      |
| 31      | O   | WRTV     | 71      | I   | RZ       | 111     | O   | DOO14    | 151     | I/O | FB       |
| 32      | O   | WDE      | 72      | I   | RZ       | 112     | O   | DOO15    | 152     | I/O | FB       |
| 33      | I/O | WNSD     | 73      | I   | R468PH   | 113     | O   | DOO16    | 153     | O   | FBZDOOFF |
| 34      | O   | WNSD     | 74      | I   | R2BH     | 114     | O   | DOO17    | 154     | O   | FBZDOOFF |
| 35      | I/O | WNSD     | 75      | I   | R2BH     | 115     | -   | -        | 155     | I   | THRU2    |
| 36      | I/O | WNSD     | 76      | I   | HCK      | 116     | O   | DOO18    | 156     | I   | THRU1    |
| 37      | I/O | WNSD     | 77      | I   | SOATA    | 117     | O   | DOO19    | 157     | I/O | WDR      |
| 38      | I   | LDUTTE   | 78      | I   | SLD      | 118     | O   | SDO2WDO  | 158     | O   | POSCONT  |
| 39      | I   | CLR      | 79      | I   | SOX      | 119     | I   | HCE      | 159     | O   | SPDPRM   |
| 40      | -   | VDD      | 80      | -   | VDD      | 120     | -   | VDD      | 160     | -   | VDD      |



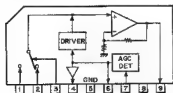
L78M09T-FA (SANYO) +9V 0.5A  
PO05SZ51 (SHARP) +5V 1A  
POSITIVE VOLTAGE REGULATOR



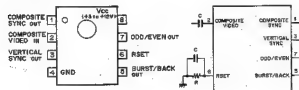
L78M05T-FA (SANYO) -5 V  
L78M08T-FA (SANYO) -8 V  
NEGATIVE VOLTAGE REGULATOR (500 mA)



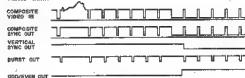
LA7205 (SANYO)  
AGC AMP, INPUT SELECT, AGC DET, COMPARE  
- SIDE VIEW -



LM1881M (NS) FLAT PACKAGE  
VIDEO SYNC SEPARATOR  
- TOP VIEW -



TIMING CHART



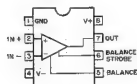
LM358P (TI)  
UPC358C (NEC)  
UPC358G2 (NEC) FLAT PACKAGE  
DUAL OPERATIONAL AMPLIFIERS  
- TOP VIEW -



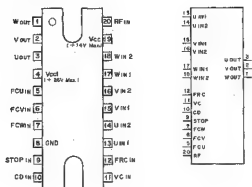
LM2903P (TI)  
LM2903PS (TI) FLAT PACKAGE  
NJM2903D (JRC)  
DUAL VOLTAGE COMPARATORS  
- TOP VIEW -



LM311PS (TI) FLAT PACKAGE  
VOLTAGE COMPARATOR WITH STROBE  
- TOP VIEW -



## LB1620 (SANYO)

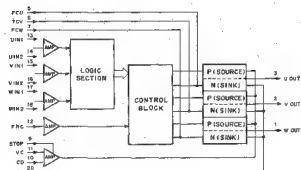
3-PHASE MOTOR DRIVER  
- TOP VIEW -

| SOURCE / SINK   | U | V | W | PRG |
|-----------------|---|---|---|-----|
| 1 PHASE-W PHASE | 1 | 1 | 0 | 0   |
| 2 PHASE-W PHASE | 1 | 0 | 0 | 1   |
| 3 PHASE-W PHASE | 1 | 0 | 1 | 0   |
| 4 PHASE-W PHASE | 1 | 0 | 1 | 1   |
| 5 PHASE-W PHASE | 0 | 1 | 0 | 0   |
| 6 PHASE-W PHASE | 0 | 1 | 0 | 1   |
| 7 PHASE-W PHASE | 0 | 1 | 1 | 0   |
| 8 PHASE-W PHASE | 0 | 1 | 1 | 1   |

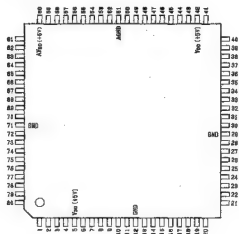
0: LOW LEVEL  
1: HIGH LEVEL

INPUT  
 FCU : CURRENT DETECTION  
 FCV : PHASE COMPENSATION  
 FCW : PHASE COMPENSATION  
 FCW : PHASE COMPENSATION  
 STOP : STOP  
 UN1, UN2 : U PHASE HALL ELEMENT  
 V : SPEED/PHASE CONTROL  
 VIN1, VIN2 : V PHASE HALL ELEMENT  
 WIn1, WIn2 : W PHASE HALL ELEMENT

OUTPUT  
 U OUT : U PHASE OUTPUT  
 V OUT : V PHASE OUTPUT  
 W OUT : W PHASE OUTPUT



## HD6435348RA00F (HTACHO)

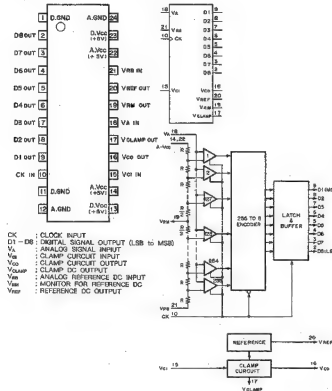
CMOS 8-BIT 1-CHIP MICROCOMPUTER  
- TOP VIEW -

| Pin No. | I/O | SIGNAL    | Pin No. | I/O | SIGNAL          |
|---------|-----|-----------|---------|-----|-----------------|
| 1       | I/O | P21/P21/W | 41      | I/O | P85/P85/P85/A10 |
| 2       | I/O | P22/P22   | 42      | I/O | P86             |
| 3       | I/O | P23/P23   | 43      | I/O | P87/P87         |
| 4       | I/O | P24/P24   | 44      | I/O | P88/P88         |
| 5       | I/O | P25/P25   | 45      | I/O | P89/P89         |
| 6       | I/O | P26/P26   | 46      | I/O | P90/P90         |
| 7       | I/O | P27/P27   | 47      | I/O | P91/P91         |
| 8       | I/O | P28/P28   | 48      | I/O | P92/P92         |
| 9       | I/O | P29/P29   | 49      | I/O | P93/P93         |
| 10      | I/O | P30/P30   | 50      | I/O | P94/P94         |
| 11      | I/O | P31/P31   | 51      | I/O | P95/P95         |
| 12      | I/O | P32/P32   | 52      | I/O | P96/P96         |
| 13      | I/O | P33/P33   | 53      | I/O | P97/P97         |
| 14      | I/O | P34/P34   | 54      | I/O | P98/P98         |
| 15      | I/O | P35/P35   | 55      | I/O | P99/P99         |
| 16      | I/O | P36/P36   | 56      | I/O | P100/P100       |
| 17      | I/O | P37/P37   | 57      | I/O | P101/P101       |
| 18      | I/O | P38/P38   | 58      | I/O | P102/P102       |
| 19      | I/O | P39/P39   | 59      | I/O | P103/P103       |
| 20      | I/O | P40/P40   | 60      | I/O | P104/P104       |
| 21      | I/O | P41/P41   | 61      | I/O | P105/P105       |
| 22      | I/O | P42/P42   | 62      | I/O | P106/P106       |
| 23      | I/O | P43/P43   | 63      | I/O | P107/P107       |
| 24      | I/O | P44/P44   | 64      | I/O | P108/P108       |
| 25      | I/O | P45/P45   | 65      | I/O | P109/P109       |
| 26      | I/O | P46/P46   | 66      | I/O | P110/P110       |
| 27      | I/O | P47/P47   | 67      | I/O | P111/P111       |
| 28      | I/O | P48/P48   | 68      | I/O | P112/P112       |
| 29      | I/O | P49/P49   | 69      | I/O | P113/P113       |
| 30      | I/O | P50/P50   | 70      | I/O | P114/P114       |
| 31      | I/O | P51/P51   | 71      | I/O | P115/P115       |
| 32      | I/O | P52/P52   | 72      | I/O | P116/P116       |
| 33      | I/O | P53/P53   | 73      | I/O | P117/P117       |
| 34      | I/O | P54/P54   | 74      | I/O | P118/P118       |
| 35      | I/O | P55/P55   | 75      | I/O | P119/P119       |
| 36      | I/O | P56/P56   | 76      | I/O | P120/P120       |
| 37      | I/O | P57/P57   | 77      | I/O | P121/P121       |
| 38      | I/O | P58/P58   | 78      | I/O | P122/P122       |
| 39      | I/O | P59/P59   | 79      | I/O | P123/P123       |
| 40      | I/O | P60/P60   | 80      | I/O | P124/P124       |

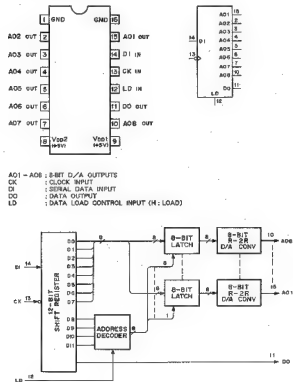




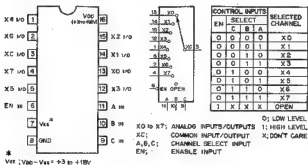
MB40568 (FUJITSU) FLAT PACKAGE  
MB40568PF (FUJITSU) FLAT PACKAGE  
8BIT VIDEO A/D CONVERTER  
- TOP VIEW -



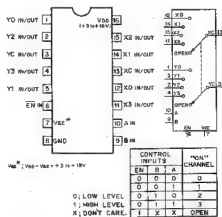
MB88342PF (FUJITSU) FLAT PACKAGE  
C-MOS 8-BIT D/A CONVERTER  
- TOP VIEW -



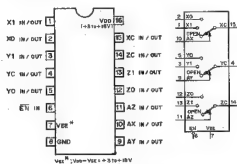
MC14051BF (MOTOROLA) FLAT PACKAGE  
C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER  
— TOP VIEW —



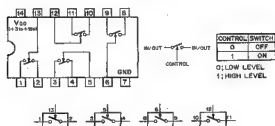
CMOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS  
- TOP VIEW -



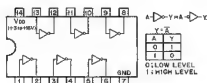
MC14053BCP (MOTOROLA)  
MC14053BF (MOTOROLA) FLAT PACKAGE  
UPD4053BC (NEC)  
C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS  
- TOP VIEW -



MC14069BF (MOTOROLA) FLAT PACKAGE  
CMOS QUAD BILATERAL ANALOG SWITCH  
- TOP VIEW -



MC14069UBF (MOTOROLA)  
CMOS INVERTER  
- TOP VIEW -

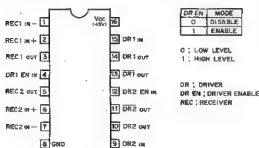


MC14576BF (MOTOROLA) FLAT PACKAGE  
CMOS DUAL VIDEO AMPLIFIERS  
- TOP VIEW -

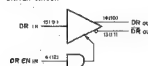


VDD +1V to +5V to +12V

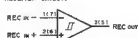
MC34051M (MOTOROLA) FLAT PACKAGE  
RS-422 DRIVER/RECEIVER  
- TOP VIEW -



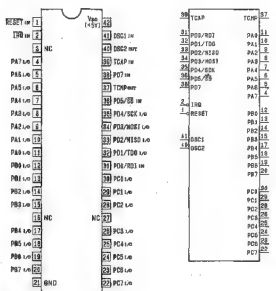
DRIVER CIRCUIT



RECEIVER CIRCUIT



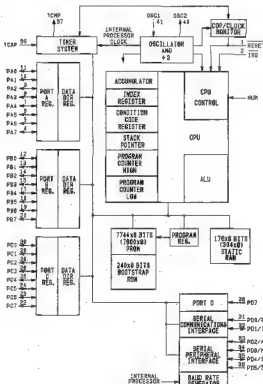
MC68HC0508 (MOTOROLA)  
CMOS 8-BIT MICROCONTROLLER UNIT  
- TOP VIEW -



INPUT  
PDI : INTERRUPT REQUEST  
CSCI : OSCILLATOR FREQUENCY  
PDI - PDS, PDI : PROGRAMMABLE I/O PORT  
PDI : RECEIVING DATA  
RESET : RESET  
SUB : SUB SELECT  
TCAP : CAPTURE FEATURE FOR THE ON-CHIP PROGRAMMABLE TIMER

OUTPUT  
CSCI : OSCILLATOR FREQUENCY  
SCK : SERIAL CLOCK  
TCAP : COMPARE FEATURE OF THE ON-CHIP TIMER  
TDO : TRANSMISSION DATA

INPUT/OUTPUT  
MIO : MASTER INPUT, SUB OUTPUT  
MIO : MASTER OUTPUT, SUB INPUT  
PA0 - PA7 : PROGRAMMABLE A PORT  
PB0 - PB7 : PROGRAMMABLE B PORT  
PC0 - PC7 : PROGRAMMABLE C PORT

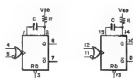
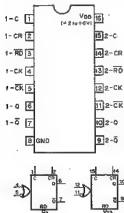
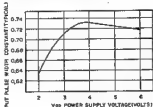




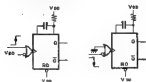


## MC74HC1538AN (MOTOROLA)

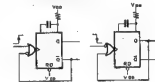
C-MOS DUAL RETRIGGERABLE / NON-RETRIGGERABLE MONOSTABLE MULTIVIBRATOR  
- TOP VIEW -

OUTPUT PULSE WIDTH =  $k \cdot C \cdot R$ 

## RETRIGGERABLE M.M.V.



## NON-RETRIGGERABLE M.M.V.



## NJM2088D (JRC)

LOW NOISE OPERATIONAL AMPLIFIER  
- TOP VIEW -



## NJM350M (JRC) FLAT PACKAGE

HIGH SPEED VOLTAGE COMPARATOR (TTL OUTPUT)  
- TOP VIEW -

NJM4556M (JRC) FLAT PACKAGE  
NJM4556M-A (JRC) FLAT PACKAGE

OPERATIONAL AMPLIFIER  
(WIDE BAND, DECOMPENSATED)  
- TOP VIEW -



## NJM4558D-D (JRC)

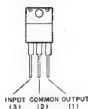
NJM4558D-FA (JRC)  
NJM4558M (JRC) FLAT PACKAGE  
DUAL OPERATIONAL AMPLIFIER  
- TOP VIEW -



NJM78L05A (JRC) + 5V (100mA)  
TA78L05S (TOSHIBA) + 5V (100mA)  
POSITIVE VOLTAGE REGULATOR



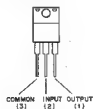
NJM78M05FA (JRC) + 5V  
POSITIVE VOLTAGE REGULATOR (500mA)  
- FRONT VIEW -



NJM78L05A (JRC) - 5V  
NJM78L05A (JRC) - 5V  
NEGATIVE VOLTAGE REGULATOR (100mA)



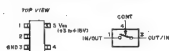
NUM78MD9FA (JRC) -9V  
NEGATIVE VOLTAGE REGULATOR (500mA)  
- FRONT VIEW -



PC30RV1 (SHARP) VARIABLE 1A  
PC30VB11 (SHARP) VARIABLE 1A  
POSITIVE VOLTAGE REGULATOR

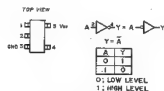


SD14S66F (MOTOROLA) CHIP PACKAGE  
SC14S66FEL (MOTOROLA) CHIP PACKAGE  
CMOS BILATERAL ANALOG SWITCH



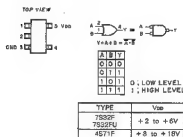
| COMT SWITCH |     |
|-------------|-----|
| 0           | OFF |
| 1           | ON  |

SC7804F (MOTOROLA) CHIP PACKAGE  
TC7804F (TOSHIBA) CHIP PACKAGE  
CMOS INVERTER



| TYPE    | V <sub>DD</sub> |
|---------|-----------------|
| 7804F   | +2 to +6V       |
| 7804FEL | +2 to +6V       |
| 4568F   | +3 to +18V      |
| 4568FEL | +3 to +18V      |

SC7532F (MOTOROLA) CHIP PACKAGE  
TC7532F (TOSHIBA) CHIP PACKAGE  
CMOS 2-INPUT OR GATE



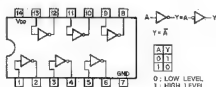
| TYPE    | V <sub>DD</sub> |
|---------|-----------------|
| 7532F   | +2 to +6V       |
| 7532FEL | +2 to +6V       |
| 4571F   | +3 to +18V      |

SN74HC00AN (TI)  
SN74HC00ANS (TI) FLAT PACKAGE  
CMOS QUAD 2-INPUT NAND GATES  
- TOP VIEW -



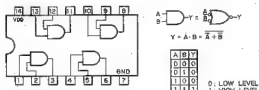
| NOTE: | TYPE          | V <sub>DD</sub> |
|-------|---------------|-----------------|
|       | TC74AC00 TYPE | +2 to +5.5V     |
|       | TC74VHC00     | +2 to +5.5V     |
|       | MC74VHC00     | +5V             |
|       | 74VHC00 TYPE  | +4.5 to +5.5V   |
|       | OTHER TYPES   | +2 to +6V       |

SN74HC04ANS (TI) FLAT PACKAGE  
SN74HC04AN (TI)  
SN74HC04ANS (TI) FLAT PACKAGE  
CMOS HEX INVERTERS  
- TOP VIEW -



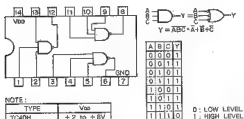
| NOTE: | TYPE           | V <sub>DD</sub> |
|-------|----------------|-----------------|
|       | 74HC04 TYPE    | +5V             |
|       | TC74AC04 TYPE  | +2 to +5.5V     |
|       | TC74VHC04 TYPE | +2 to +5.5V     |
|       | 74VHC04 TYPE   | +4.5 to +5.5V   |
|       | OTHER TYPES    | +2 to +6V       |

SN74HC08AN (TI)  
SN74HC08ANS (TI) FLAT PACKAGE  
CMOS QUAD 2-INPUT AND GATES  
- TOP VIEW -



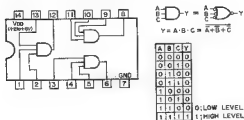
| NOTE: | TYPE         | V <sub>DD</sub> |
|-------|--------------|-----------------|
|       | TC74AC08F    | +2 to +5.5V     |
|       | MC74VHC08    | +5V             |
|       | 74VHC08 TYPE | +4.5 to +5.5V   |
|       | OTHER TYPES  | +2 to +6V       |

## SN74HC10ANS (T) FLAT PACKAGE

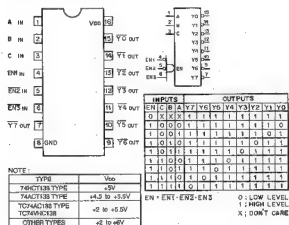
CMOS 3-INPUT NAND GATE  
- TOP VIEW -

## SN74HC11ANS (T) FLAT PACKAGE

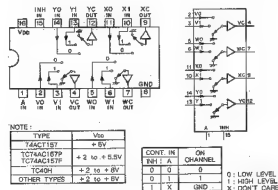
CMOS 3-INPUT POSITIVE-AND GATE



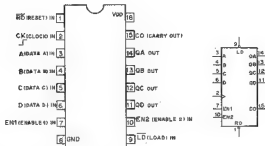
## SN74HC138ANS (T) FLAT PACKAGE

CMOS 3-TO-8 LINE DECODER/DEMULTIPLEXER  
- TOP VIEW -

## SN74HC157ANS (T) FLAT PACKAGE

CMOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER  
- TOP VIEW -

## SN74HC161AN (T)

CMOS SYNCHRONOUS PRESETTABLE 4-BIT BINARY COUNTER  
- TOP VIEW -

## MODE SELECTION

| CONTROL INPUTS | MODE                 |
|----------------|----------------------|
| LD             | RESET (ASYNCHRONOUS) |
| EN1            | PRESET (SYNCHRONOUS) |
| EN2            | NO COUNT             |
| EN3            | NO COUNT             |
| EN4            | COUNT                |

0: LOW LEVEL

1: HIGH LEVEL

X: DON'T CARE

## CARRY OUTPUT "CO"

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## COUNT SEQUENCE

| COUNT | Q0 | Q1 | Q2 | Q3 |
|-------|----|----|----|----|
| 0     | 0  | 0  | 0  | 0  |
| 1     | 0  | 0  | 0  | 1  |
| 2     | 0  | 0  | 1  | 0  |
| 3     | 0  | 0  | 1  | 1  |
| 4     | 0  | 1  | 0  | 0  |
| 5     | 0  | 1  | 0  | 1  |
| 6     | 0  | 1  | 1  | 0  |
| 7     | 0  | 1  | 1  | 1  |
| 8     | 1  | 0  | 0  | 0  |
| 9     | 1  | 0  | 0  | 1  |
| 10    | 1  | 0  | 1  | 0  |
| 11    | 1  | 0  | 1  | 1  |
| 12    | 1  | 1  | 0  | 0  |
| 13    | 1  | 1  | 0  | 1  |
| 14    | 1  | 1  | 1  | 0  |
| 15    | 1  | 1  | 1  | 1  |

## NOTE:

74ACT161

+5V

TC4049

+2 to +5.5V

OTHERS

+2 to +6V

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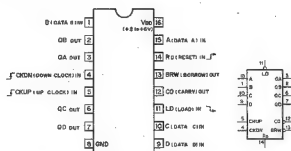
CO

CO

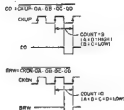
CO

# SN74HC192NS (T) FLAT PACKAGE

CMOS SYNCHRONOUS UP/DOWN DECADE COUNTER  
- TOP VIEW -



| CONTROL INPUTS | MODE  |
|----------------|-------|
| LD             | LD    |
| UP             | UP    |
| DOWN           | DOWN  |
| RESET          | RESET |
| 0              | 0     |
| 1              | 1     |
| 2              | 2     |
| 3              | 3     |
| 4              | 4     |
| 5              | 5     |
| 6              | 6     |
| 7              | 7     |
| 8              | 8     |
| 9              | 9     |
| 10             | 10    |
| 11             | 11    |
| 12             | 12    |
| 13             | 13    |
| 14             | 14    |

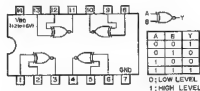


| COUNT | QA | QB | QC | QD |
|-------|----|----|----|----|
| 0     | 0  | 0  | 0  | 0  |
| 1     | 0  | 0  | 0  | 1  |
| 2     | 0  | 0  | 1  | 0  |
| 3     | 0  | 0  | 1  | 1  |
| 4     | 0  | 1  | 0  | 0  |
| 5     | 0  | 1  | 0  | 1  |
| 6     | 0  | 1  | 1  | 0  |
| 7     | 0  | 1  | 1  | 1  |
| 8     | 1  | 0  | 0  | 0  |
| 9     | 1  | 0  | 0  | 1  |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

# SN74HC266NS (T) FLAT PACKAGE

CMOS 2-INPUT EXCLUSIVE-NOR GATE  
- TOP VIEW -

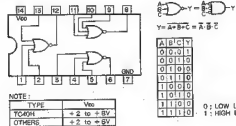


| A | B | Y |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL  
1: HIGH LEVEL

# SN74HC27ANS (T) FLAT PACKAGE

CMOS 3-LINE POSITIVE-NOR GATE  
- TOP VIEW -



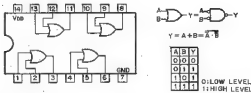
| A | B | C | Y |
|---|---|---|---|
| 0 | 0 | 0 | 1 |
| 0 | 0 | 1 | 0 |
| 0 | 1 | 0 | 0 |
| 0 | 1 | 1 | 0 |
| 1 | 0 | 0 | 0 |
| 1 | 0 | 1 | 0 |
| 1 | 1 | 0 | 0 |
| 1 | 1 | 1 | 0 |

0: LOW LEVEL  
1: HIGH LEVEL

| TYPE      | VDD         |
|-----------|-------------|
| TC74HC27A | +2 to +5.5V |
| OTHERS    | +2 to +6V   |

# SN74HC32ANS (T) FLAT PACKAGE

CMOS QUAD 2-INPUT OR GATES  
- TOP VIEW -



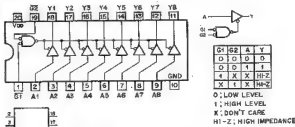
| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

0: LOW LEVEL  
1: HIGH LEVEL

| TYPE        | VDD         |
|-------------|-------------|
| TC74HC32A   | +2 to +5.5V |
| OTHER TYPES | +2 to +6V   |

# SN74HC541ANS (T) FLAT PACKAGE

CMOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS  
- TOP VIEW -



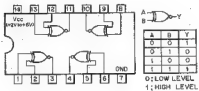
| A | B | Y |
|---|---|---|
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE  
H1-2: HIGH IMPEDANCE

| TYPE      | VDD         |
|-----------|-------------|
| ACTIVE    | +2 to +5.5V |
| HC        | +2 to +6V   |
| ACTEFFECT | +5V         |

# SN74HC7266NS (T) FLAT PACKAGE

CMOS 2-INPUT EXCLUSIVE-NOR GATES  
- TOP VIEW -

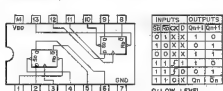


| A | B | Y |
|---|---|---|
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

0: LOW LEVEL  
1: HIGH LEVEL

# SN74HC74AN (T)

CMOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET  
- TOP VIEW -

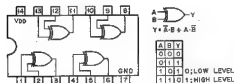


| INPUTS | OUTPUTS |
|--------|---------|
| Q1     | Q1      |
| Q2     | Q2      |
| Q3     | Q3      |
| Q4     | Q4      |
| Q5     | Q5      |
| Q6     | Q6      |
| Q7     | Q7      |
| Q8     | Q8      |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

| TYPE        | VDD         |
|-------------|-------------|
| TC74HC74A   | +2 to +5.5V |
| OTHER TYPES | +2 to +6V   |

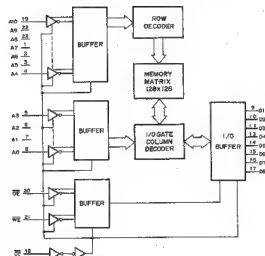
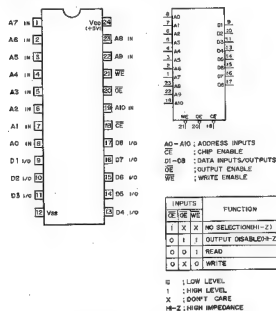
SN74HC86ANS (T) FLAT PACKAGE  
CMOS QUAD EXCLUSIVE OR GATES  
- TOP VIEW -



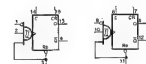
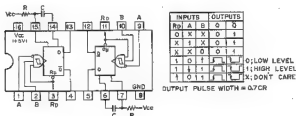
NOTE:

|               |                 |
|---------------|-----------------|
| TYPE          | V <sub>DD</sub> |
| TC74AC86 TYPE | +3 to +5.5V     |
| OTHER TYPES   | +2 to +5V       |

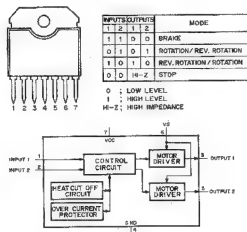
SRM2016M10 (SEIKO EPSON) FLAT PACKAGE  
CMOS 16384-BIT (2048x8) STATIC RAM  
- TOP VIEW -



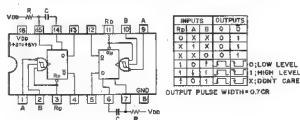
SN74LS221NS (T) FLAT PACKAGE  
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT  
- TOP VIEW -



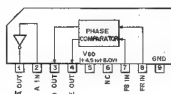
TA7267P (TOSHIBA)  
DC MOTOR DRIVER  
- PRINTED SIDE VIEW -



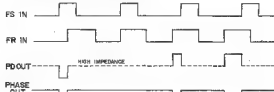
TC74HC221AF (TOSHIBA) FLAT PACKAGE  
CMOS MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT  
- TOP VIEW -



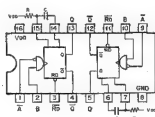
TC5081AP (TOSHIBA)  
CMOS PHASE COMPARATOR  
- SIDE VIEW -



PHASE COMPARATOR TIMING CHART



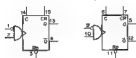
TC74HC123AF (TOSHIBA) FLAT PACKAGE  
CMOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS  
- TOP VIEW -



| INPUT |   | OUTPUT |   |
|-------|---|--------|---|
| RQ    | A | Q      | Q |
| 0     | X | 0      | 1 |
| 1     | 1 | X      | 0 |
| 1     | X | 0      | 1 |
| 1     | 0 | 1      | 1 |
| 1     | 1 | 1      | 1 |
| 1     | 0 | 1      | 1 |
| 1     | 1 | 1      | 1 |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

OUTPUT PULSE WIDTH = 0.46CR



NOTE:

| TYPE        | VDD       |
|-------------|-----------|
| TC74HC123AF | +2 to +6V |
| OTHER TYPES | +2 to +8V |

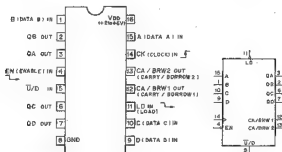
TC7808F (TOSHIBA) CHIP PACKAGE  
CMOS 2-INPUT AND GATE

(SCALE 5/1)



| TYPE   | VDD        |
|--------|------------|
| 7808F  | +2 to +6V  |
| 7808P  | +2 to +6V  |
| 4881F  | +2 to +18V |
| 14881P | +2 to +18V |

TC74HC161AF (TOSHIBA) FLAT PACKAGE  
CMOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER  
- TOP VIEW -

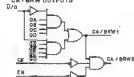


MODE SELECTION

| CONTROL | LD | EN | U/D | MODE                  |
|---------|----|----|-----|-----------------------|
| 0       | X  | X  | X   | PRESET (ASYNC/RELOAD) |
| 1       | 1  | X  | X   | NO COUNT              |
| 1       | 0  | 0  | 0   | UP COUNT              |
| 1       | 0  | 1  | 1   | DOWN COUNT            |

0: LOW LEVEL  
1: HIGH LEVEL  
X: DON'T CARE

CA / BRW1 OUTPUTS



COUNT SEQUENCE

| COUNT | QA | QB | QC | QD |
|-------|----|----|----|----|
| 0     | 0  | 0  | 0  | 0  |
| 1     | 1  | 0  | 0  | 0  |
| 2     | 0  | 0  | 1  | 0  |
| 3     | 0  | 0  | 1  | 1  |
| 4     | 0  | 1  | 0  | 0  |
| 5     | 0  | 1  | 0  | 1  |
| 6     | 0  | 1  | 1  | 0  |
| 7     | 0  | 1  | 1  | 1  |
| 8     | 1  | 0  | 0  | 0  |
| 9     | 1  | 0  | 0  | 1  |
| 10    | 1  | 0  | 1  | 0  |
| 11    | 1  | 0  | 1  | 1  |
| 12    | 1  | 1  | 0  | 0  |
| 13    | 1  | 1  | 0  | 1  |
| 14    | 1  | 1  | 1  | 0  |
| 15    | 1  | 1  | 1  | 1  |

CA / BRW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN-COUNT.

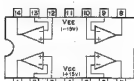
CA / BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA / BRW1 OUTPUT IS HIGH.

TL062CP (TI) FLAT PACKAGE  
TL062CP (TI) FLAT PACKAGE

OPERATIONAL AMPLIFIER  
(JFET INPUT)  
- TOP VIEW -



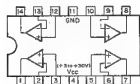
TL084CNS (TI) FLAT PACKAGE  
OPERATIONAL AMPLIFIER  
(JFET-INPUT)  
- TOP VIEW -



TL431CLP (TD)  
ADJUSTABLE PRECISION SHUNT REGULATOR



UPC324G2 (NEC) FLAT PACKAGE  
QUAD OPERATIONAL AMPLIFIERS  
- TOP VIEW -



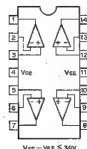
UPC4557C (NEC)  
UPC4558G2 (NEC) FLAT PACKAGE  
OPERATIONAL AMPLIFIER (WIDE BAND, LOW NOISE)  
- TOP VIEW -



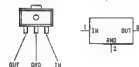
UPC4570C (NEC)  
UPC4570G2 (NEC) FLAT PACKAGE  
OPERATIONAL AMPLIFIER  
- TOP VIEW -



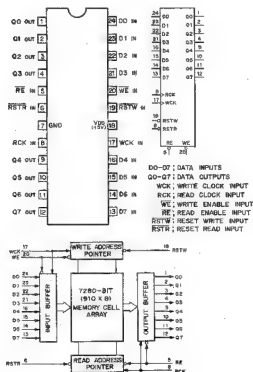
UPC4574G2 (NEC)  
QUAD OPERATIONAL AMPLIFIER  
- TOP VIEW -



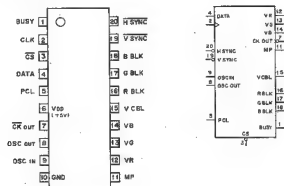
UPC78LD5T (NEC) +5V  
POSITIVE VOLTAGE REGULATOR (100mA)



UPD42101C-3 (NEC)  
UPD42101G-3 (NEC) FLAT PACKAGE  
CMOS 7K (910x8)-BIT FIFO MEMORY  
- TOP VIEW -

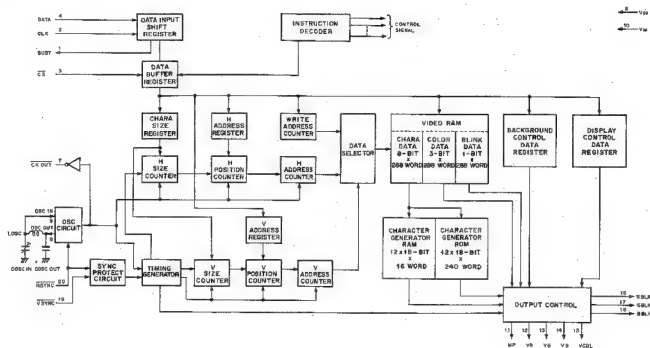


UPD6453GT (NEC) FLAT PACKAGE  
CMOS ON-SCREEN CHARACTER DISPLAY  
- TOP VIEW -



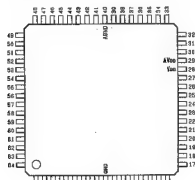
INPUT  
CLK : CLOCK  
CS : CHIP SELECT  
DATA : SERIAL DATA  
H SYNC : HORIZONTAL SYNC  
OSC IN : OSCILLATOR IN  
PCL : POWER ON CLEAR  
V SYNC : VERTICAL SYNC

OUTPUT  
Bus. Rel. Char. : B, R, G, BLANKING  
BUSY : BUSY OUT  
CK OUT : CLOCK  
MP : MASK PULSE  
OSC OUT : OSCILLATOR OUT  
Vo, Vr, Vb : R, G, B, CHARACTER DATA  
Vcbl : VIDEO CUT BLANKING



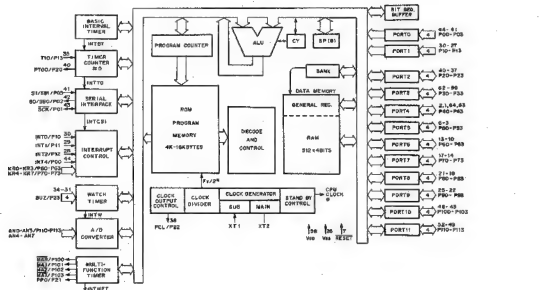


UPD75028GC (NEC)

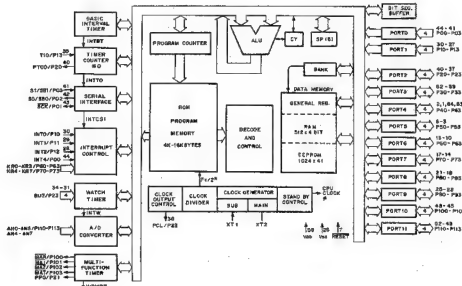
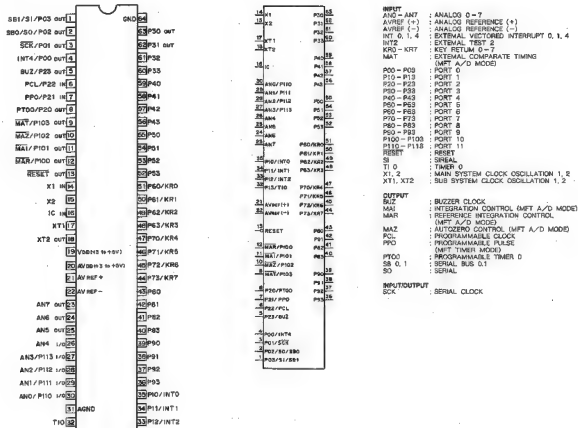
CMOS 4-BIT 1-CHIP MICROCOMPUTER.  
— TOP VIEW —

| PN<br>NO. | I/O | SYMBOL     | PN<br>NO. | I/O | SYMBOL          | PN<br>NO. | I/O | SYMBOL   | PN<br>NO. | I/O | SYMBOL  |
|-----------|-----|------------|-----------|-----|-----------------|-----------|-----|----------|-----------|-----|---------|
| 1         | I/O | P43        | 17        | I/O | PT00/P20        | 33        | I   | AN5      | 49        | I/O | P33     |
| 2         | I/O | P42        | 18        | I/O | PT01/P21        | 34        | I   | AN6      | 50        | I/O | P32     |
| 3         | I/O | P41        | 19        | I/O | MAZ/P102        | 35        | I   | AN4      | 51        | I/O | P31     |
| 4         | I/O | P40        | 20        | I/O | MAZ/P101        | 36        | I   | AN3/P113 | 52        | I/O | P30     |
| 5         | I/O | P39        | 21        | I/O | MAZ/P100        | 37        | I   | AN2/P112 | 53        | I/O | P29/P37 |
| 6         | I/O | P38        | 22        | I   | RESET           | 38        | I   | AN1/P111 | 54        | I/O | P22/KH1 |
| 7         | I/O | P37        | 23        | I   | X1              | 39        | I   | AN0/P110 | 55        | I/O | P17/KH0 |
| 8         | I/O | P36        | 24        | —   | X2              | 40        | I   | A GND    | 56        | I/O | PT5/KR4 |
| 9         | —   | GND        | 25        | —   | C               | 41        | I   | TD/P13   | 57        | I/O | P33/KR3 |
| 10        | I/O | SBI/S2/P03 | 26        | I   | XT1             | 42        | I   | P12/INT2 | 58        | I/O | P32/KR2 |
| 11        | I/O | SBI/S3     | 27        | I/O | XT2             | 43        | I   | P11/INT1 | 59        | I/O | P31/KR1 |
| 12        | I/O | SCK/P01    | 28        | —   | V <sub>DD</sub> | 44        | I   | P10/INT0 | 60        | I/O | P30/KR0 |
| 13        | I   | INTA/P00   | 29        | —   | A <sub>10</sub> | 45        | I/O | P33      | 61        | I/O | P33     |
| 14        | I/O | SLZ/P23    | 30        | —   | A <sub>9</sub>  | 46        | I/O | P32      | 62        | I/O | P32     |
| 15        | I/O | PCL/P22    | 31        | —   | A <sub>8</sub>  | 47        | I/O | P31      | 63        | I/O | P31     |
| 16        | I/O | P00/P21    | 32        | I   | AN7             | 48        | I/O | P30      | 64        | I/O | P30     |

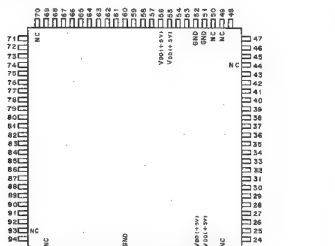
|             |           |                                              |                                          |                |
|-------------|-----------|----------------------------------------------|------------------------------------------|----------------|
| P00/INT0    | P00/P20   | INPUT                                        | AN0 - AN7                                | : ANALOG 0 - 7 |
| P01/SCK     | P01/P21   | AVREF (+)                                    | : ANALOG REFERENCE (+)                   |                |
| P02/SB/S0   | P02/P22   | AVREF (-)                                    | : ANALOG REFERENCE (-)                   |                |
| P03/SB/S1   | P03/P23   | INT 0, 1, 4                                  | : EXTERNAL VECTORED INTERRUPT 0, 1, 4    |                |
|             |           | INT2                                         | : EXTERNAL TEST 2                        |                |
|             |           | KEY - KRT                                    | : KEY RETURN 0 - 7                       |                |
|             |           | MAT                                          | : EXTERNAL COMPARE TIMING (MFT A/D MODE) |                |
| P00 - P03   | P00/P20   | PORT 0                                       |                                          |                |
| P10 - P13   | P10/P30   | PORT 1                                       | ✓                                        |                |
| P20 - P23   | P20/P40   | PORT 2                                       |                                          |                |
| P30 - P33   | P30/P50   | PORT 3                                       |                                          |                |
| P40 - P43   | P40/P60   | PORT 4                                       |                                          |                |
| P50 - P53   | P50/P70   | PORT 5                                       |                                          |                |
| P60 - P63   | P60/P80   | PORT 6                                       |                                          |                |
| P70 - P73   | P70/P90   | PORT 7                                       |                                          |                |
| P80 - P83   | P80/P100  | PORT 8                                       |                                          |                |
| P90 - P93   | P90/P110  | PORT 9                                       |                                          |                |
| P100 - P103 | P100/P120 | PORT 10                                      |                                          |                |
| P110 - P113 | P110/P130 | PORT 11                                      |                                          |                |
| RESET       |           | RESET                                        |                                          |                |
| SI          |           | SI                                           |                                          |                |
| TI 0        |           | TI 0                                         |                                          |                |
| XT1, XT2    |           | XT1, XT2                                     |                                          |                |
|             |           | MAIN SYSTEM CLOCK OSCILLATION 1, 2           |                                          |                |
|             |           | SUB SYSTEM CLOCK OSCILLATION 1, 2            |                                          |                |
| P00 - P03   | P00/P20   | OUTPUT                                       |                                          |                |
| P10 - P13   | P10/P30   | BUZZER CLOCK                                 |                                          |                |
| P20 - P23   | P20/P40   | INTERGATION CONTROL (MFT A/D MODE)           |                                          |                |
| P30 - P33   | P30/P50   | REFERENCE INTERGATION CONTROL (MFT A/D MODE) |                                          |                |
| P40 - P43   | P40/P60   | AUTOZERO CONTROL (MFT A/D MODE)              |                                          |                |
| P50 - P53   | P50/P70   | PROGRAMMABLE CLOCK                           |                                          |                |
| P60 - P63   | P60/P80   | PROGRAMMABLE PULSE                           |                                          |                |
| P70 - P73   | P70/P90   | TEST TIMER MODE                              |                                          |                |
| PTCO        |           | PROGRAMMABLE TIMER 0                         |                                          |                |
| SE 0, 1     |           | SERIAL BUS 0,1                               |                                          |                |
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UPD75048DW (NEC)  
CMOS 4-BIT 1-CHIP MICROCOMPUTER  
- TOP VIEW -

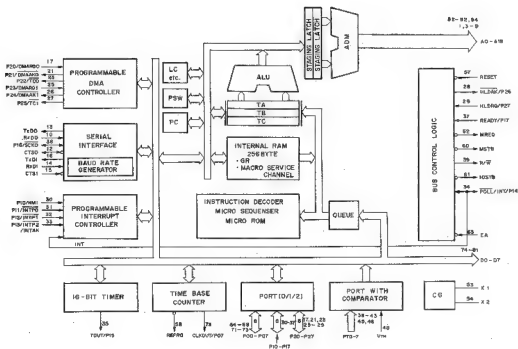


UPD70320GJ-8-SBQ (NEC)

CMOS SINGLE CHIP 16-/8-BIT MICROCOMPUTER  
- TOP VIEW -

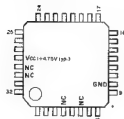
(VDD = +5V)

| Pin No. | I/O | SYMBOL      | Pin No. | I/O | SYMBOL         | Pin No. | I/O | SYMBOL      |
|---------|-----|-------------|---------|-----|----------------|---------|-----|-------------|
| 1       | O   | A12         | 33      | I/O | P13/INTP/INTAK | 66      | I/O | P01         |
| 2       | -   | NC          | 34      | I/O | P13/INTP/ROLL  | 67      | I/O | P02         |
| 3       | O   | A13         | 35      | I/O | P13/INTP/ROLL  | 68      | I/O | P03         |
| 4       | O   | A14         | 36      | I/O | P13/INTP/ROLL  | 69      | I/O | P04         |
| 5       | O   | A15         | 37      | I/O | P13/INTP/ROLL  | 70      | -   | INT/CONNECT |
| 6       | O   | A16         | 38      | I   | PT0            | 71      | I/O | P05         |
| 7       | O   | A17         | 39      | I   | PT1            | 72      | I/O | P06         |
| 8       | O   | A18         | 40      | I   | PT2            | 73      | I/O | P07         |
| 9       | O   | A19         | 41      | I   | PT3            | 74      | I/O | P07/CLKOUT  |
| 10      | I   | RND0        | 42      | I   | PT4            | 75      | I/O | D0          |
| 11      | -   | GND         | 43      | I   | PT5            | 76      | I/O | D1          |
| 12      | I/O | CT10        | 44      | -   | NC             | 77      | I/O | D2          |
| 13      | O   | VDD0        | 45      | I   | PT6            | 78      | I/O | D3          |
| 14      | I   | RND1        | 46      | I   | PT7            | 79      | I/O | D4          |
| 15      | I   | CT11        | 47      | -   | INT/CONNECT    | 80      | I/O | D5          |
| 16      | O   | VDD1        | 48      | -   | NC             | 81      | I/O | D6          |
| 17      | I/O | P20/DMAKD0  | 49      | -   | NC             | 82      | O   | A0          |
| 18      | -   | INT/CONNECT | 50      | -   | NC             | 83      | O   | A1          |
| 19      | -   | VDD         | 51      | -   | GND            | 84      | O   | A2          |
| 20      | -   | VDD         | 52      | -   | GND            | 85      | O   | A3          |
| 21      | I/O | P21/DMAKD0  | 53      | -   | X1             | 86      | O   | A4          |
| 22      | -   | NC          | 54      | -   | X2             | 87      | O   | A5          |
| 23      | I/O | P22/CTD     | 55      | -   | VDD            | 88      | O   | A6          |
| 24      | -   | INT/CONNECT | 56      | -   | VDD            | 89      | O   | A7          |
| 25      | I/O | P23/DMAKD1  | 57      | I   | RESET          | 90      | O   | A8          |
| 26      | I/O | P24/DMAKD1  | 58      | O   | REFRQ          | 91      | O   | A9          |
| 27      | I/O | P25/CTC1    | 59      | O   | PLVW           | 92      | O   | A10         |
| 28      | I/O | P26/CLKDAK  | 60      | O   | MSTB           | 93      | -   | NC          |
| 29      | I/O | P27/CLKDAK  | 61      | O   | KSTB           | 94      | O   | A11         |
| 30      | I   | P12/INTP    | 62      | O   | MREQ           | 95      | -   | NC          |
| 31      | I   | P11/INTP    | 63      | O   | EA             | 96      | -   | NC          |
| 32      | I   | P12/INTP    | 64      | I/O | P00            |         |     |             |



## CX14720 (SONY)

ID ADDER/DETECTOR FOR WIDE TV SIGNAL  
- TOP VIEW -

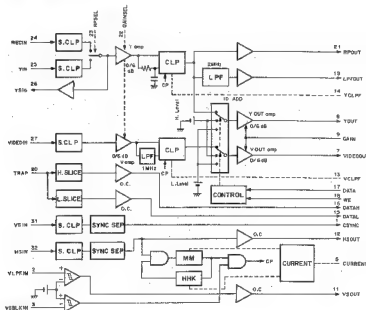


| Pin No. | I/O | SIGNAL   | Pin No. | I/O | SIGNAL  |
|---------|-----|----------|---------|-----|---------|
| 1       | O   | CEVNC    | 17      | I   | DATA    |
| 2       | I   | VLPFN    | 18      | I   | WE      |
| 3       | I   | VSBLKN   | 19      | O   | LFOUT   |
| 4       | -   | NC       | 20      | I   | TRAP    |
| 5       | O   | CURRENT  | 21      | O   | RPOUT   |
| 6       | -   | NC       | 22      | I   | GAINSEL |
| 7       | O   | VIDEOOUT | 23      | I   | RPSSEL  |
| 8       | O   | YOUT     | 24      | I   | REGIN   |
| 9       | I   | GAIN     | 25      | I   | YIN     |
| 10      | -   | GND      | 26      | O   | YSO     |
| 11      | O   | VSOUT    | 27      | I   | VIDEOEN |
| 12      | O   | HROUT    | 28      | -   | VCC     |
| 13      | O   | VOLUP    | 29      | -   | NC      |
| 14      | O   | YCLPF    | 30      | -   | NC      |
| 15      | O   | DATALL   | 31      | I   | VSIN    |
| 16      | O   | SATFAN   | 32      | I   | VSIN    |

**INPUT**  
DATA : ID DATA  
GAIN : VIDEO Y OUT AMP GAIN SELECT  
GAINSEL : Y AMP GAIN SELECT  
HIN : H SYNC SEP.  
RECIN : REC Y  
RPSSEL : R/P SELECT  
TRAP : TRAPED Y  
VIDEOEN : VIDEOS  
VLPFN : LOW-PASSED CSYNC  
VSBLKN : LOW-PASSED CSYNC  
VSIN : Y SYNC SEP.  
WE : ID WRITE ENABLE  
YIN : PS Y

**OUTPUT**  
CSYNC : COMPOSITE SYNC  
DATAH : Y LEVEL HIGH  
DATA : Y LEVEL LOW  
HROUT : H SYNC  
HROUT : H SYNC  
LFOUT : LOW-PASSED Y  
RPOUT : R/P Y  
VIDEOOUT : VIDEO  
VSOUT : Y SYNC  
YOUT : Y MAIN  
YSO : R/P SELECTED Y

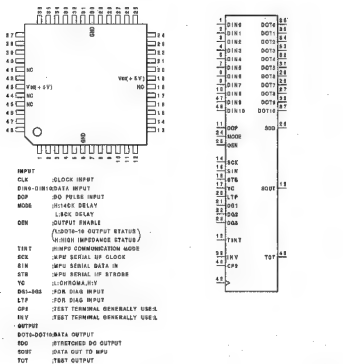
**OTHER**  
CURRENT : REF CURRENT RESISTOR  
VOLUP : CAPACITOR FOR VIDEO CLAMP  
YCLPF : CAPACITOR FOR Y CLAMP



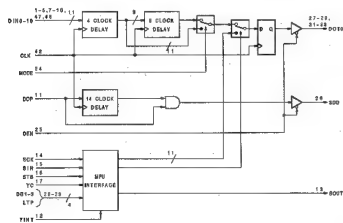
| Pin No. | I/O | SIGNAL   | Pin No. | I/O | SIGNAL  |
|---------|-----|----------|---------|-----|---------|
| 1       | O   | CEVNC    | 17      | I   | DATA    |
| 2       | I   | VLPFN    | 18      | I   | WE      |
| 3       | I   | VSBLKN   | 19      | O   | LFOUT   |
| 4       | -   | NC       | 20      | I   | TRAP    |
| 5       | O   | CURRENT  | 21      | O   | RPOUT   |
| 6       | -   | NC       | 22      | I   | GAINSEL |
| 7       | O   | VIDEOOUT | 23      | I   | RPSSEL  |
| 8       | O   | YOUT     | 24      | I   | REGIN   |
| 9       | I   | GAIN     | 25      | I   | YIN     |
| 10      | -   | GND      | 26      | O   | YSO     |
| 11      | O   | VSOUT    | 27      | I   | VIDEOEN |
| 12      | O   | HROUT    | 28      | -   | VCC     |
| 13      | O   | VOLUP    | 29      | -   | NC      |
| 14      | O   | YCLPF    | 30      | -   | NC      |
| 15      | O   | DATALL   | 31      | I   | VSIN    |
| 16      | O   | SATFAN   | 32      | I   | VSIN    |

CXD101-106Q (SONY)

C-MOS DIGITAL DELAY LINE  
- TOP VIEW -

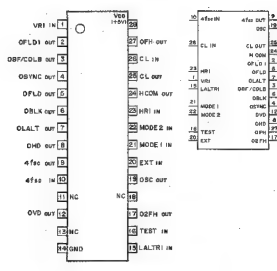


| Signal = 100 |     |        |     |     |        |     |     |        |     |     |        |
|--------------|-----|--------|-----|-----|--------|-----|-----|--------|-----|-----|--------|
| PR           | I/O | SIGNAL | PIR | I/O | SIGNAL | PIR | I/O | SIGNAL | PIR | I/O | SIGNAL |
| 0            | 1   | SIN0   | 13  | 0   | SDT    | 1   | 0   | OSN    | 17  | 0   | DDT13  |
| 0            | 1   | SIN0   | 14  | 1   | SDT    | 18  | 0   | SRD    | 20  | 0   | DDT14  |
| 0            | 1   | SIN0   | 15  | 0   | SDT    | 19  | 0   | OSN    | 21  | 0   | DDT15  |
| 0            | 1   | SIN0   | 16  | 1   | SDT    | 20  | 0   | SRD    | 22  | 0   | DDT16  |
| 0            | 1   | SIN0   | 17  | 0   | SDT    | 21  | 0   | OSN    | 23  | 0   | DDT17  |
| 0            | 1   | SIN0   | 18  | 1   | SDT    | 22  | 0   | SRD    | 24  | 0   | DDT18  |
| 0            | 1   | SIN0   | 19  | 0   | SDT    | 23  | 0   | OSN    | 25  | 0   | DDT19  |
| 0            | 1   | SIN0   | 20  | 1   | SDT    | 24  | 0   | SRD    | 26  | 0   | DDT20  |
| 0            | 1   | SIN0   | 21  | 0   | SDT    | 25  | 0   | OSN    | 27  | 0   | DDT21  |
| 0            | 1   | SIN0   | 22  | 1   | SDT    | 26  | 0   | SRD    | 28  | 0   | DDT22  |
| 0            | 1   | SIN0   | 23  | 0   | SDT    | 27  | 0   | OSN    | 29  | 0   | DDT23  |
| 0            | 1   | SIN0   | 24  | 1   | SDT    | 28  | 0   | SRD    | 30  | 0   | DDT24  |
| 0            | 1   | SIN0   | 25  | 0   | SDT    | 29  | 0   | OSN    | 31  | 0   | DDT25  |
| 0            | 1   | SIN0   | 26  | 1   | SDT    | 30  | 0   | SRD    | 32  | 0   | DDT26  |
| 0            | 1   | SIN0   | 27  | 0   | SDT    | 31  | 0   | OSN    | 33  | 0   | DDT27  |
| 0            | 1   | SIN0   | 28  | 1   | SDT    | 32  | 0   | SRD    | 34  | 0   | DDT28  |
| 0            | 1   | SIN0   | 29  | 0   | SDT    | 33  | 0   | OSN    | 35  | 0   | DDT29  |
| 0            | 1   | SIN0   | 30  | 1   | SDT    | 34  | 0   | SRD    | 36  | 0   | DDT30  |
| 0            | 1   | SIN0   | 31  | 0   | SDT    | 35  | 0   | OSN    | 37  | 0   | DDT31  |
| 0            | 1   | SIN0   | 32  | 1   | SDT    | 36  | 0   | SRD    | 38  | 0   | DDT32  |
| 0            | 1   | SIN0   | 33  | 0   | SDT    | 37  | 0   | OSN    | 39  | 0   | DDT33  |
| 0            | 1   | SIN0   | 34  | 1   | SDT    | 38  | 0   | SRD    | 40  | 0   | DDT34  |
| 0            | 1   | SIN0   | 35  | 0   | SDT    | 39  | 0   | OSN    | 41  | 0   | DDT35  |
| 0            | 1   | SIN0   | 36  | 1   | SDT    | 40  | 0   | SRD    | 42  | 0   | DDT36  |
| 0            | 1   | SIN0   | 37  | 0   | SDT    | 41  | 0   | OSN    | 43  | 0   | DDT37  |
| 0            | 1   | SIN0   | 38  | 1   | SDT    | 42  | 0   | SRD    | 44  | 0   | DDT38  |
| 0            | 1   | SIN0   | 39  | 0   | SDT    | 43  | 0   | OSN    | 45  | 0   | DDT39  |
| 0            | 1   | SIN0   | 40  | 1   | SDT    | 44  | 0   | SRD    | 46  | 0   | DDT40  |
| 0            | 1   | SIN0   | 41  | 0   | SDT    | 45  | 0   | OSN    | 47  | 0   | DDT41  |
| 0            | 1   | SIN0   | 42  | 1   | SDT    | 46  | 0   | SRD    | 48  | 0   | DDT42  |
| 0            | 1   | SIN0   | 43  | 0   | SDT    | 47  | 0   | OSN    | 49  | 0   | DDT43  |
| 0            | 1   | SIN0   | 44  | 1   | SDT    | 48  | 0   | SRD    | 50  | 0   | DDT44  |
| 0            | 1   | SIN0   | 45  | 0   | SDT    | 49  | 0   | OSN    | 51  | 0   | DDT45  |
| 0            | 1   | SIN0   | 46  | 1   | SDT    | 50  | 0   | SRD    | 52  | 0   | DDT46  |
| 0            | 1   | SIN0   | 47  | 0   | SDT    | 51  | 0   | OSN    | 53  | 0   | DDT47  |
| 0            | 1   | SIN0   | 48  | 1   | SDT    | 52  | 0   | SRD    | 54  | 0   | DDT48  |
| 0            | 1   | SIN0   | 49  | 0   | SDT    | 53  | 0   | OSN    | 55  | 0   | DDT49  |
| 0            | 1   | SIN0   | 50  | 1   | SDT    | 54  | 0   | SRD    | 56  | 0   | DDT50  |
| 0            | 1   | SIN0   | 51  | 0   | SDT    | 55  | 0   | OSN    | 57  | 0   | DDT51  |
| 0            | 1   | SIN0   | 52  | 1   | SDT    | 56  | 0   |        |     |     |        |



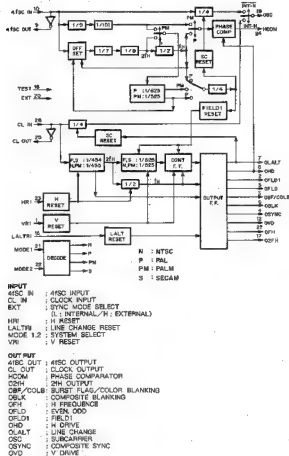
CXD1217M (SONY) FLAT PACKAGE

C-MOS SYNC GENERATOR  
- TOP VIEW -

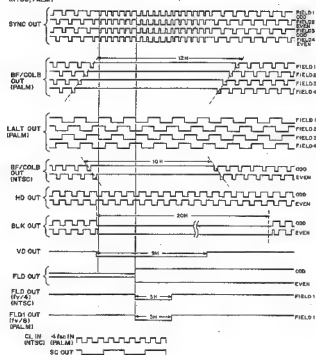


| SYSTEM | 4fac     | CLOCK |
|--------|----------|-------|
| NTSC   | 910%     | 910%  |
| PAL    | 1135%±2% | 908%  |
| PALM   | 909%     | 910%  |
| SECAM  | -        | 908%  |

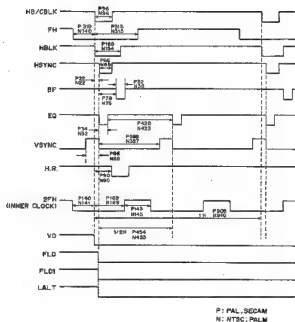
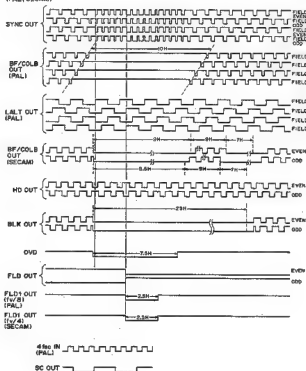
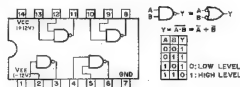
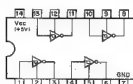
0 : LOW LEVEL  
1 : HIGH LEVEL



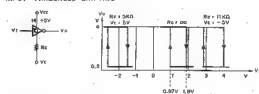
(NTSC, PALM)



(PAL, SECAM)

P: PAL, SECAM  
N: NTSC, PALMMC1488M (MOTOROLA) FLAT PACKAGE  
2-INPUT (1-INPUT) POSITIVE-VOLTAGE LINE DRIVER  
- TOP VIEW -MC1488AM (MOTOROLA) FLAT PACKAGE  
QUADRUPLE LINE RECEIVER  
- TOP VIEW -

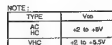
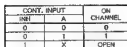
INPUT THRESHOLD SHIFTING



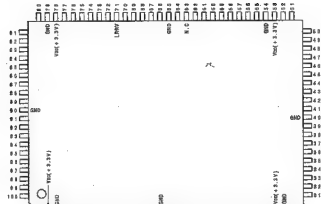
INPUT NOISE FILTERING



C-MOS OCTAL D-TYPE FLIP-FLOPS WITH RESET  
- TOP VIEW -

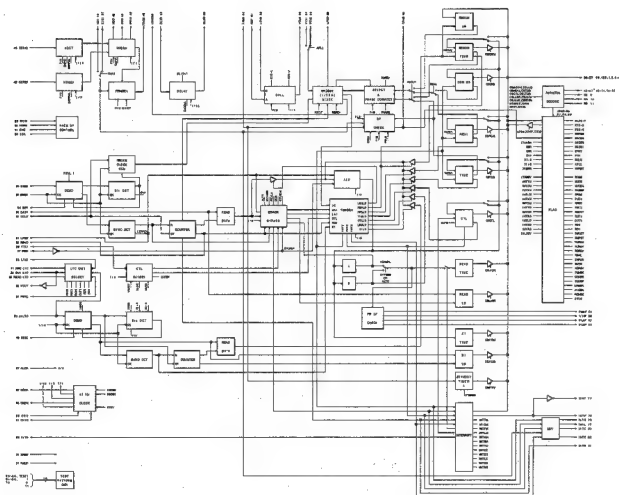
C-MOS 2-CHANNEL MULTIPLEXER/DEMULTIPLEXER  
- TOP VIEW -

0 : LOW LEVEL  
1 : HIGH LEVEL  
X : DON'T CARE

[illegible]

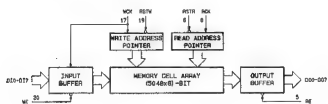
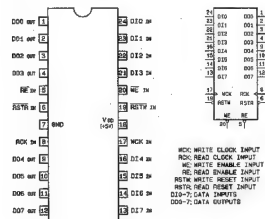
(VER = 3.79)

| PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL | PIN No. | I/O | SIGNAL |
|---------|-----|--------|---------|-----|--------|---------|-----|--------|---------|-----|--------|
| 1       | I/O | D8     | 26      | I/O | DTLE   | 51      | I/O | FRAM   | 76      | B   | INTB   |
| 2       | I/O | D9     | 27      | I/O | PWD    | 52      | I/O | LRHT   | 77      | B   | INTL   |
| 3       | -   | VDD    | 28      | -   | VDD    | 53      | -   | VDD    | 78      | -   | VDD    |
| 4       | -   | GND    | 29      | -   | GND    | 54      | -   | GND    | 79      | -   | GND    |
| 5       | I/O | D4     | 30      | O   | RTIC   | 55      | O   | LBDD   | 80      | B   | INTD   |
| 6       | I/O | D5     | 31      | O   | LRHV   | 56      | O   | VDSO   | 81      | O   | INTS   |
| 7       | I/O | D3     | 32      | O   | DOLE   | 57      | I/O | VDSI   | 82      | O   | INTS   |
| 8       | I/O | D2     | 33      | O   | DATA   | 58      | I/O | VDSI   | 83      | I   | TEST1  |
| 9       | I   | CS     | 34      | O   | SGA    | 59      | O   | LTOS   | 84      | I   | TESTE  |
| 10      | I   | WE     | 35      | I   | MDX    | 60      | O   | OPMB   | 85      | I   | TESTS  |
| 11      | I   | RD     | 36      | I/O | DBRM   | 61      | I/O | REP    | 86      | I   | TESTA  |
| 12      | I   | A3     | 37      | I/O | K188   | 62      | O   | SDUT   | 87      | I/O | ALOK   |
| 13      | I   | A1     | 38      | O   | ZBX    | 63      | O   | PORT   | 88      | O   | STW    |
| 14      | I   | A2     | 39      | I   | BA16   | 64      | I   | SDIM   | 89      | I   | CS16   |
| 15      | -   | GND    | 40      | -   | GND    | 65      | -   | GND    | 90      | -   | GND    |
| 16      | I   | A3     | 41      | I/O | SDO    | 66      | O   | HT4P   | 91      | I/O | SDIO   |
| 17      | I   | A4     | 42      | I/O | CHRD   | 67      | B   | PL4P   | 92      | B   | SDCA   |
| 18      | I   | A5     | 43      | I/O | CHRD   | 68      | O   | PL4P   | 93      | I/O | SDIE   |
| 19      | I/O | X188   | 44      | I/O | SDI    | 69      | O   | PH4P   | 94      | I   | TESTS  |
| 20      | I/O | X188   | 45      | O   | SDO    | 70      | I   | TEST11 | 95      | I   | TESTS  |
| 21      | O   | MD     | 46      | O   | MDA    | 71      | I/O | LDIV   | 96      | I   | TESTT  |
| 22      | O   | QW     | 47      | O   | IFRM   | 72      | B   | Z1NT   | 97      | I   | TESTB  |
| 23      | O   | READ   | 48      | O   | FRAM   | 73      | I   | SDIS   | 98      | I   | TESTS  |
| 24      | I/O | PDIS   | 49      | I/O | DLTY   | 74      | I   | MDP    | 99      | I/O | SD     |
| 25      | I/O | LTOS   | 50      | O   | SDIO   | 75      | O   | INTW   | 100     | I/O | CS     |





UPO425050-50 (NEO)

C-MOS 5048x8-BIT FIFO MEMORY  
- TOP VIEW -

## SECTION 18 REPLACEABLE PARTS AND OPTIONAL FIXTURES

### 18-1. NOTES ON REPAIR PARTS

#### (1) Safety Related Components Warning

Components marked with  $\Delta$  on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose part numbers appear in this manual or in service bulletin and service manual supplements published by Sony.

#### (2) Standardization of Parts

Repair parts supplied from Sony Parts Center may not be always identical with the parts which actually in use due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts".

This manual's exploded views and electrical spare parts list are indicating the part numbers of "the standardized genuine parts at present".

#### (3) Stock of Parts

Parts marked with "o" SP (Supply Code) column of the spare parts list are not normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

#### (4) Units for Capacitors, Inductors and Resistors

The following units are assumed in schematic diagrams, electrical parts list and exploded views unless otherwise specified.

Capacitors :  $\mu F$   
Inductors :  $\mu H$   
Resistors :  $\Omega$

#### (5) Tension Spring

( $\times \times T$ ) after a tension spring is shown on the parts list in order to indicate the number of spring turns required for the use.

(Example) TENSION, SPRING (20 T):

This spring must be cut at its 20th turn for actual use.

### 18-1. 補修用部品注意事項

#### (1) 安全重要部品

回路図、分解図、電気部品表中、 $\Delta$ 印の部品は安全性を維持するために重要な部品です。従ってこれらの部品を交換するときには必ず指定の部品と交換して下さい。

#### (2) 部品の共通化

ソニーから供給される部品は、セットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。

分解図や電気部品表には現時点での共通化された部品が記載されています。

#### (3) 部品の在庫

部品表のSP (Supply code) 欄に "o" で示される部品は交換頻度が低い部品です。在庫していないことがあり、納期が長くなることがあります。

#### (4) コンデンサー、インダクター、抵抗の単位

回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

コンデンサー :  $\mu F$   
インダクター :  $\mu H$   
抵抗 :  $\Omega$

#### (5) 引張コイルバネ

部品表中の引張コイルバネの名称のあとの ( $\times \times T$ ) は、使用時の巻数を示しています。

(例) TENSION, SPRING (20 T)

巻数が20になるように切断し、使用する。

## 18-2. EXPLODED VIEWS

## Index of Main Mechanical Parts/Components

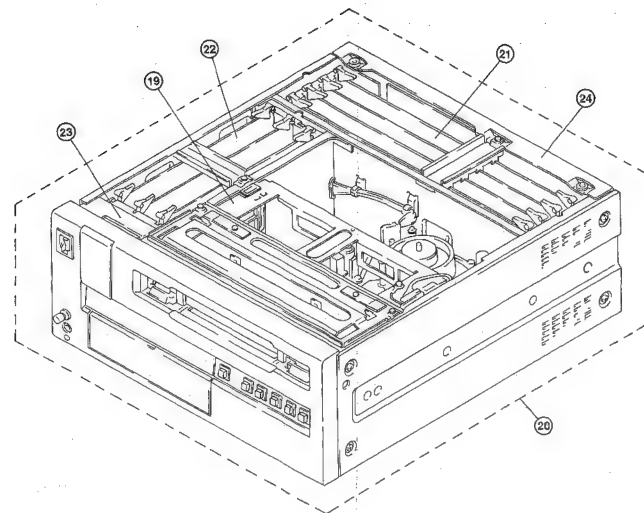
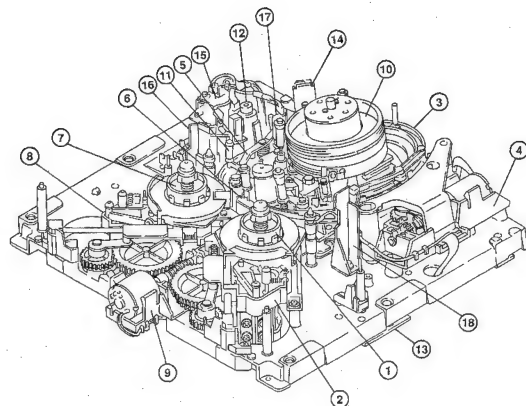
| Mark                  | Item                                                                                        | Title                             | Page  |
|-----------------------|---------------------------------------------------------------------------------------------|-----------------------------------|-------|
| ①<br>②                | Reel Table Block (T)<br>RS Table (T) Block                                                  | REEL CHASSIS (1)                  | 18-4  |
| ③<br>④<br>⑤           | Loading Ring Block<br>Gear Box Block<br>Cleaning Roller Block                               | LOADING RING                      | 18-6  |
| ⑥<br>⑦<br>⑧<br>⑨      | MC Block<br>Reel Table Block (S)<br>RS Table (S) Block<br>LS Motor Block                    | REEL CHASSIS (2)                  | 18-8  |
| ⑩<br>⑪<br>⑫           | Head Drum<br>Tension Regulator Block<br>Capstan Motor                                       | DRUM & TENSION REGULATOR ASSEMBLY | 18-10 |
| ⑬                     | DR-214 Board                                                                                | DR-214 BOARD ASSEMBLY             | 18-12 |
| ⑭<br>⑮<br>⑯<br>⑰<br>⑱ | AT Head (R) Block<br>Pinch Press Block<br>FE Head Block<br>CTL Head Block<br>T Sensor Block | PRESS ASSY, PINCH                 | 18-14 |
| ⑲                     | Cassette Compartment                                                                        | CASSETTE COMPARTMENT ASSEMBLY     | 18-16 |
| ㉑                     | Upper Lid<br>Bottom Plate<br>Cabinet (right)<br>Cabinet (left)                              | CHASSIS & ORNAMENTAL PANEL BLOCK  | 18-18 |
| ㉒                     | Printed Circuit Boards                                                                      | CARD RACK BLOCK (1)               | 18-20 |
| ㉓                     | Printed Circuit Boards                                                                      | CARD RACK BLOCK (2)               | 18-22 |
| ㉔                     | SC Guide Block<br>Indicator Tube Module, Fluoresce                                          | CHASSIS BLOCK                     | 18-24 |
| ㉕                     | Connector Panel                                                                             | CONNECTOR PANEL BLOCK             | 18-26 |

EXPLODED VIEW

EXPLODED VIEW

# MECHANICAL DECK

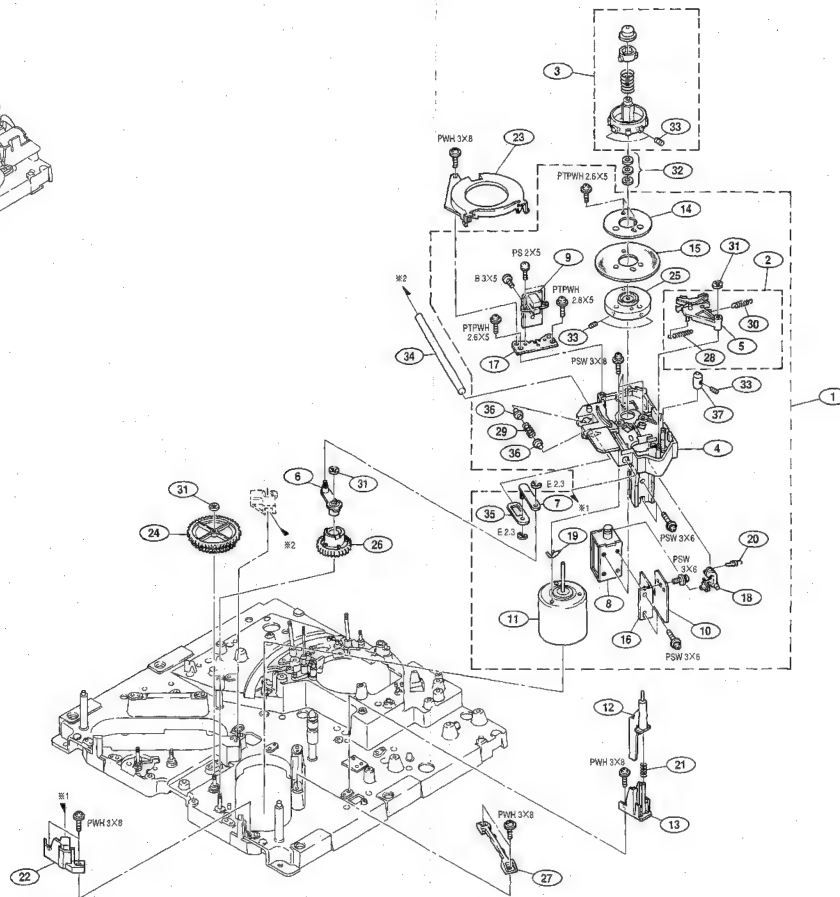
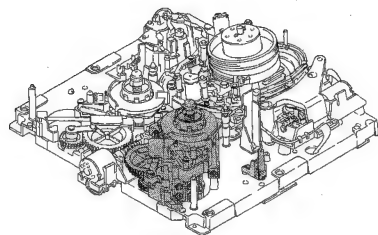
# OVERALL BLOCK



# REEL CHASSIS (1)

# REEL CHASSIS (1)

## REEL CHASSIS (1)



| No. | Part No.     | SP Description                         |
|-----|--------------|----------------------------------------|
| 1   | A-8267-684-E | s TABLE (T) ASSY, RS                   |
| 2   | A-8267-685-C | s BRAKE ASSY                           |
| 3   | A-8267-690-B | s TABLE ASSY, REEL                     |
| 4   | X-3167-230-3 | o PLATE (T) ASSY, REEL MOTOR           |
| 5   | X-3167-231-3 | o LINING ASSY                          |
| 6   | X-3717-202-3 | o ARM ASSY, CRANK                      |
| 7   | X-3717-204-1 | o ARM (B) ASSY, CRANK                  |
| 8   | 1-454-417-41 | s SOLENOID, PLUNGER                    |
| 9   | 1-648-823-11 | o SE-207 BOARD                         |
| 10  | 1-648-924-11 | o RM-126 BOARD                         |
| 11  | 1-698-231-12 | s MOTOR, DC (REEL)                     |
| 12  | 3-180-745-01 | o LEVER, MR (UVW-1400/1400P)           |
| 13  | 3-180-746-01 | o HOLDER, MR (UVW-1400/1400P)          |
| 14  | 3-182-279-02 | o RETAINER, DISK                       |
| 15  | 3-182-280-02 | o DISK, REEL                           |
| 16  | 3-182-281-01 | o SHEET METAL (T), RM FITTING          |
| 17  | 3-182-282-01 | o SHEET METAL, SENSOR FITTING          |
| 18  | 3-182-284-03 | o ARM, BRAKE RELEASE                   |
| 19  | 3-182-285-01 | s SPACER (0.02T)                       |
| 19  | 3-182-285-11 | s SPACER (0.05T)                       |
| 20  | 3-182-286-01 | s SPRING, TENSION                      |
| 21  | 3-182-295-01 | o SPRING, COMPRESSION (UVW-1400/1400P) |
| 22  | 3-182-367-01 | o RETAINER (T), SHAFT                  |
| 23  | 3-182-368-01 | o COVER, REEL                          |
| 24  | 3-182-369-01 | s WHEEL, WORM                          |
| 25  | 3-182-375-03 | o DISK HUB, REEL                       |
| 26  | 3-182-382-01 | s GEAR (T), CRANK                      |
| 27  | 3-182-402-01 | o GUIDE, PLATE                         |
| 28  | 3-307-361-00 | s SPRING, TENSION                      |
| 29  | 3-491-247-00 | s SPRING, COMPRESSION                  |
| 30  | 3-646-217-00 | o SPRING, TENSION                      |
| 31  | 3-669-596-01 | s WASHER (2.3), STOPPER                |
| 32  | 3-701-439-01 | s WASHER, POLY 3MM DIA 0.13T           |
| 32  | 3-701-439-11 | s WASHER, POLY 3MM DIA 0.25T           |
| 32  | 3-701-439-21 | s WASHER, POLY 3MM DIA 0.5T            |
| 33  | 3-701-506-01 | s SET SCREW, DOUBLE POINT 3 x 4        |
| 34  | 3-717-223-01 | s SHAFT, SLIDE                         |
| 35  | 3-717-230-01 | o BRACKET, LIMITER                     |
| 36  | 3-717-231-01 | o HOLDER, LIMITER                      |
| 37  | 3-717-266-01 | o CAP (S), CG SHAFT                    |

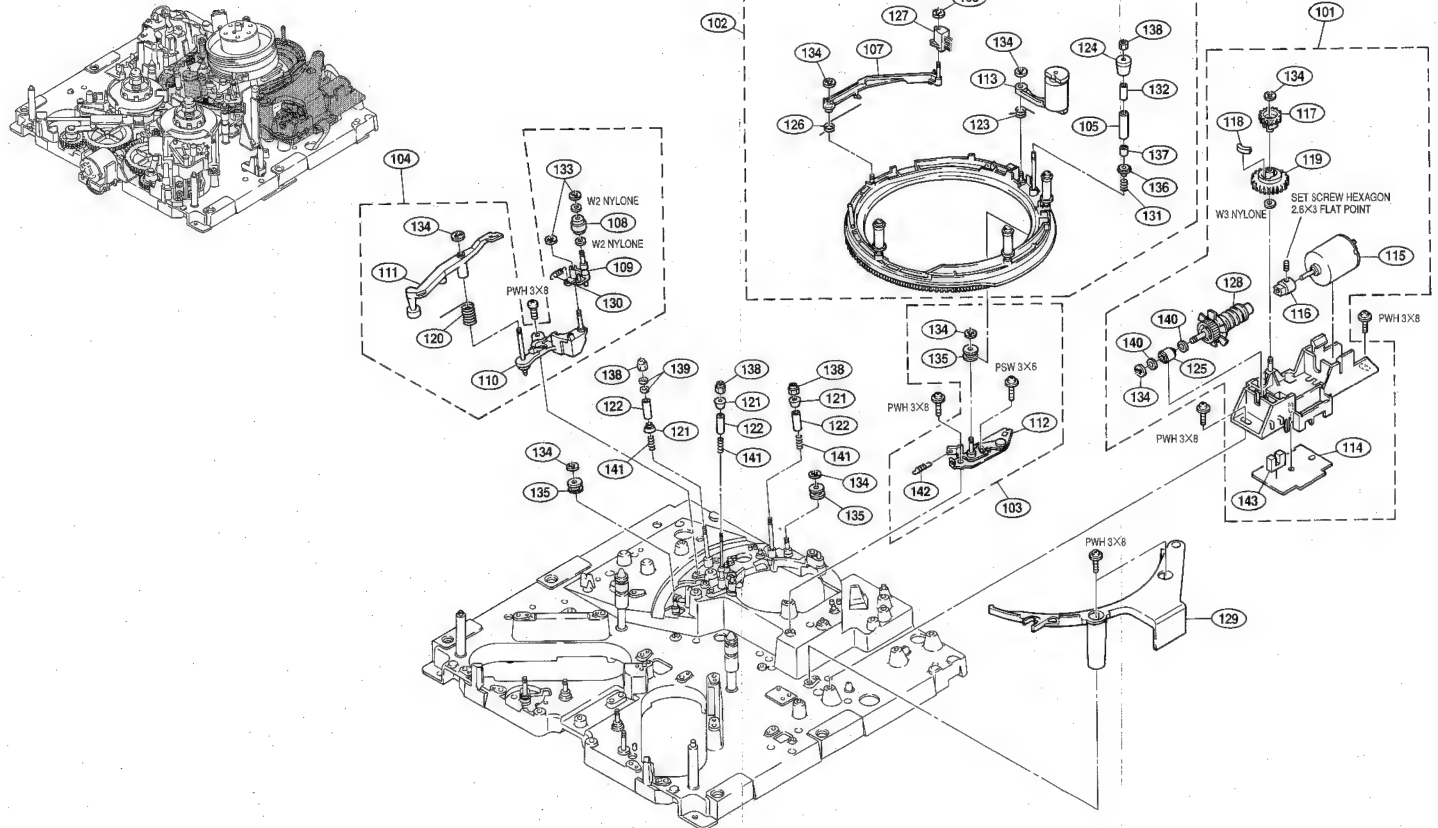
# LOADING RING

| No. | Part No.     | SP Description                 |
|-----|--------------|--------------------------------|
| 101 | A-8267-680-B | s BOX ASSY, GEAR               |
| 102 | A-8267-681-C | o RING ASSY, LOADING           |
| 103 | A-8267-683-A | o ROLLER ASSY, ADJUSTMENT RING |
| 104 | A-8267-689-C | o ROLLER ASSY, CLEANING        |
| 105 | X-3167-224-1 | s ROLLER ASSY, PRECEDING       |
| 107 | X-3167-226-1 | s ARM ASSY, AT CLEANER         |
| 108 | X-3167-232-1 | s ROLLER ASSY, C               |
| 109 | X-3167-233-2 | o ARM ASSY, C MAIN             |
| 110 | X-3167-234-1 | o DECK ASSY, C                 |
| 111 | X-3167-235-4 | o ARM ASSY, DRIVING            |
| 112 | X-3167-236-1 | o ROLLER (B) ASSY, RING        |
| 113 | X-3717-215-3 | s ARM ASSY, PINCH ROLLER       |
| 114 | 1-648-922-11 | o PTC-67 BOARD                 |
| 115 | 1-698-152-11 | s MOTOR, DC (SVD-1449)         |
| 116 | 3-171-423-02 | o JOINT, MOTOR                 |
| 117 | 3-180-036-01 | s GEAR, LIMITER                |
| 118 | 3-183-653-02 | s RUBBER, LIMITER              |
| 119 | 3-182-242-01 | o WHEEL, WORM                  |
| 120 | 3-182-276-01 | o SPRING, DRIVING              |
| 121 | 3-182-293-01 | s FLANGE, GUIDE                |
| 122 | 3-182-294-01 | s GUIDE, TAPE                  |
| 123 | 3-182-346-02 | s SPRING, PINCH ARM            |
| 124 | 3-182-347-01 | s FLANGE, PRECEDING UPPER      |
| 125 | 3-182-349-01 | o RETAINER, SHAFT              |
| 126 | 3-182-350-02 | s SPRING, CLEANER ARM          |
| 127 | 3-182-389-02 | s CLEANER, AT                  |
| 128 | 3-182-390-01 | o GEAR, WORM                   |
| 129 | 3-182-453-01 | o GUIDE, P                     |
| 130 | 3-533-373-21 | s SPRING, TENSION              |
| 131 | 3-549-887-00 | s SPRING, COIL, COMPRISION     |
| 132 | 3-657-841-71 | s SPACER (2 x 6.5)             |
| 133 | 3-669-465-01 | s WASHER (1.5), STOPPER        |
| 134 | 3-669-596-01 | s WASHER (2.3), STOPPER        |
| 135 | 3-675-866-00 | s ROLLER, RING                 |
| 136 | 3-680-812-00 | s FLANGE, LOWER                |
| 137 | 3-682-166-21 | s SPACER DIA 2                 |
| 138 | 3-698-829-01 | s NUT (M2)                     |
| 139 | 3-701-437-21 | s WASHER POLY, 2MM DIA 0.25T   |
| 140 | 3-701-439-21 | s WASHER POLY, 3MM DIA 0.5T    |
| 141 | 3-721-333-01 | s SPRING, COMPRESSION          |
| 142 | 4-602-490-00 | o SPRING, TENSION              |
| 143 | 8-719-939-05 | s PHOTO INTERRUPTTER GP1S54    |

# LOADING RING

# LOADING RING

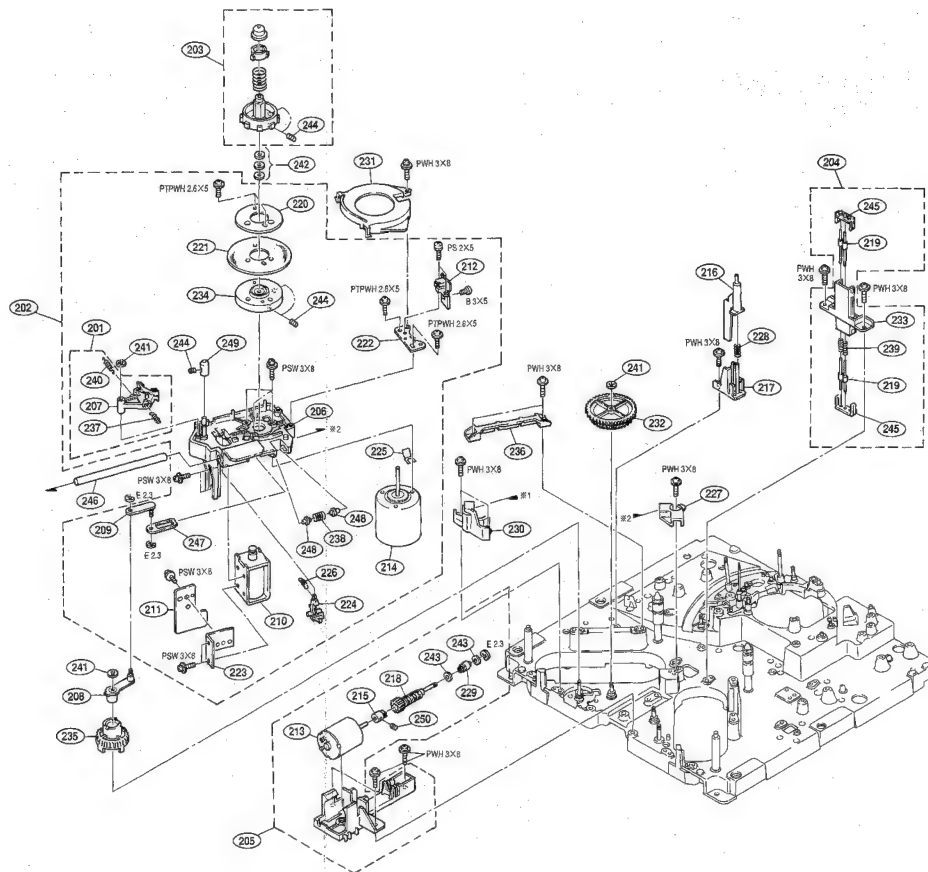
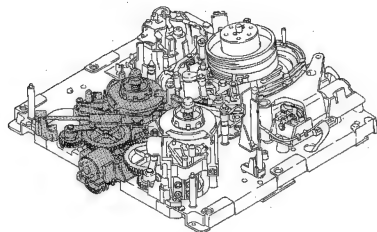
## LOADING RING





REEL CHASSIS (2) REEL CHASSIS (2)

REEL CHASSIS (2)

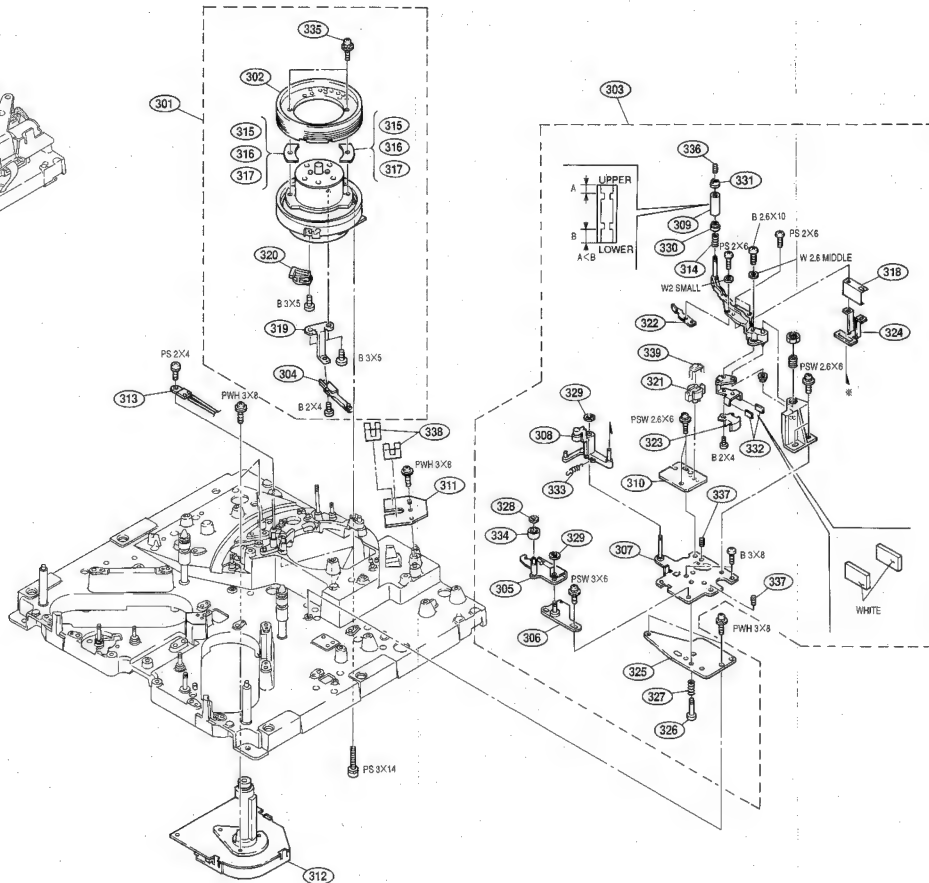
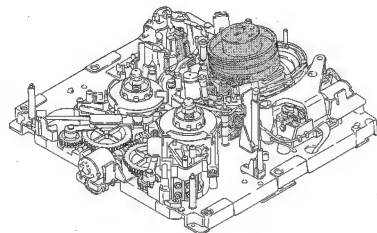


| No. | Part No.     | SP Description                         |
|-----|--------------|----------------------------------------|
| 201 | A-8267-685-C | s BRAKE ASSY                           |
| 202 | A-8267-688-E | s TABLE (S) ASSY, RS                   |
| 203 | A-8267-690-B | s TABLE ASSY, REEL                     |
| 204 | A-8267-691-B | s MC ASSY                              |
| 205 | A-8267-698-A | o MOTOR ASSY, LS                       |
| 206 | X-3167-229-3 | o PLATE (S) ASSY, REEL MOTOR           |
| 207 | X-3167-231-3 | s LINING ASSY                          |
| 208 | X-3717-202-3 | o ARM ASSY, CRANK                      |
| 209 | X-3717-204-1 | o ARM (B) ASSY, CRANK                  |
| 210 | 1-454-417-41 | s SOLENOID, PLUNGER                    |
| 211 | 1-648-925-11 | o RM-127 BOARD                         |
| 212 | 1-648-923-11 | o SE-207 BOARD                         |
| 213 | 1-698-152-11 | s MOTOR, DC (SVD-1449)                 |
| 214 | 1-698-231-12 | s MOTOR, DC (REEL)                     |
| 215 | 3-171-423-02 | o JOINT, MOTOR                         |
| 216 | 3-180-745-01 | o LEVER, MR (UVW-1400/1400P)           |
| 217 | 3-180-746-01 | o HOLDER, MR (UVW-1400/1400P)          |
| 218 | 3-182-266-01 | o WORM                                 |
| 219 | 3-182-277-01 | o PIN, MC                              |
| 220 | 3-182-279-02 | o RETAINER, DISK                       |
| 221 | 3-182-280-02 | o DISK, REEL                           |
| 222 | 3-182-282-01 | o SHEET METAL, SENSOR FITTING          |
| 223 | 3-182-283-01 | o SHEET METAL, (S) RM FITTING          |
| 224 | 3-182-284-03 | o ARM, BRAKE RELEASE                   |
| 225 | 3-182-285-01 | s SPACER                               |
| 225 | 3-182-285-11 | s SPACER                               |
| 226 | 3-182-286-01 | s SPRING, TENSION                      |
| 227 | 3-182-292-01 | o RETAINER (ST), SHAFT                 |
| 228 | 3-182-295-01 | o SPRING, COMPRESSION (UVW-1400/1400P) |
| 229 | 3-182-349-01 | o RETAINER, SHAFT                      |
| 230 | 3-182-366-01 | o RETAINER (S), SHAFT                  |
| 231 | 3-182-368-01 | o COVER, REEL                          |
| 232 | 3-182-369-01 | s WHEEL, WORM                          |
| 233 | 3-182-372-01 | o HOLDER, MC                           |
| 234 | 3-182-375-02 | o DISK HUB, REEL                       |
| 235 | 3-182-383-01 | s GEAR (S), CRANK                      |
| 236 | 3-182-402-01 | o GUIDE, PLATE                         |
| 237 | 3-307-381-00 | s SPRING, TENSION                      |
| 238 | 3-491-247-00 | s SPRING, COMPRESSION                  |
| 239 | 3-554-202-00 | o SPRING, COMPRESSION                  |
| 240 | 3-648-217-00 | o SPRING, TENSION                      |
| 241 | 3-669-596-01 | s WASHER (2.3), STOPPER                |
| 242 | 3-701-439-01 | s WASHER POLY 3MM DIA, 0.13T           |
| 242 | 3-701-439-11 | s WASHER POLY 3MM DIA, 0.25T           |
| 242 | 3-701-439-21 | s WASHER POLY 3MM DIA, 0.5T            |
| 243 | 3-701-439-21 | s WASHER POLY 3MM DIA, 0.5T            |
| 244 | 3-701-506-01 | s SET SCREW, DOUBLE POINT 3 x 4        |
| 245 | 3-717-207-01 | s COVER, M/C DETECTION HOLDER          |
| 246 | 3-717-223-01 | s SHAFT, SLIDE                         |
| 247 | 3-717-230-01 | o BRACKET, LIMITER                     |
| 248 | 3-717-231-01 | o HOLDER, LIMITER                      |
| 249 | 3-717-266-01 | o CAP (S), CG SHAFT                    |
| 250 | 7-621-734-09 | s SET SCREW, DOUBLE POINT 2.6 x 3      |

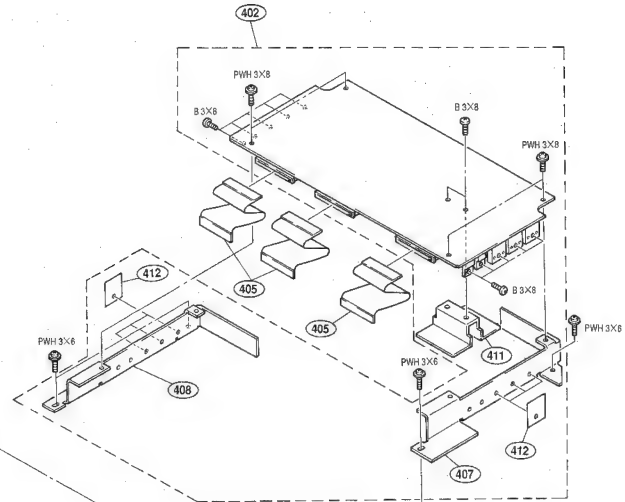
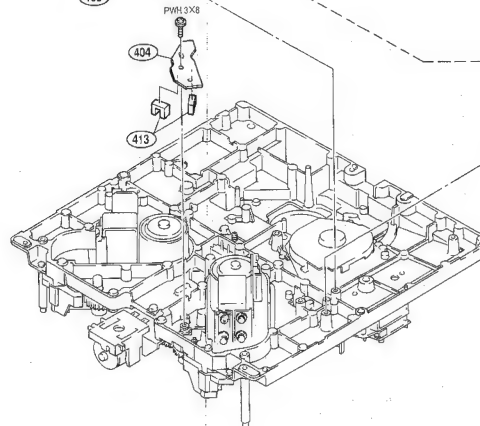
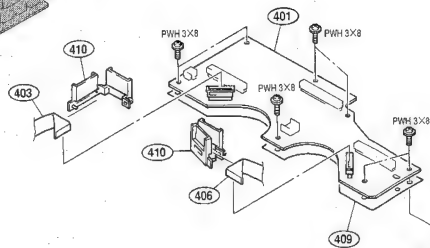
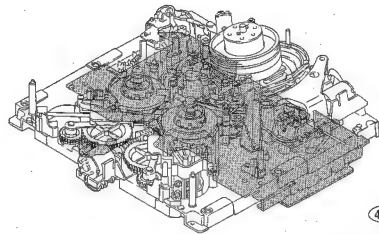
# **DRUM & TENSION REGULATOR ASSEMBLY**

| No. | Part No.     | SP Description                          |
|-----|--------------|-----------------------------------------|
| 301 | A-8263-056-A | s HEAD DRUM ASSY, DBH-43A-R (UVW-1400)  |
| 301 | A-8260-976-A | s HEAD DRUM ASSY, DBH-41A-R (UVW-1200)  |
| 301 | A-8263-058-A | s HEAD DRUM ASSY, DBH-44A-R (UVW-1400P) |
| 301 | A-8260-978-A | s HEAD DRUM ASSY, DBH-42A-R (UVW-1200P) |
| 302 | A-8263-055-A | s UPPER DRUM ASSY, DBR-43-R (UVW-1400)  |
| 302 | A-8260-977-A | s UPPER DRUM ASSY, DBR-41-R (UVW-1200)  |
| 302 | A-8263-057-A | s UPPER DRUM ASSY, DBR-44-R (UVW-1400P) |
| 302 | A-8260-979-A | s UPPER DRUM ASSY, DBR-42-R (UVW-1200P) |
| 303 | A-8267-693-A | s TENSION REGULATOR ASSY                |
| 304 | X-3166-376-2 | s GROUND ASSY, SHAFT                    |
| 305 | X-3167-218-1 | o HOOK ASSY, TR                         |
| 306 | X-3167-219-1 | o BASE ASSY, TR HOOK                    |
| 307 | X-3167-220-1 | o PLATE, ADJUSTMENT ASSY, TR            |
| 308 | X-3167-241-1 | s ARM ASSY, RETURN                      |
| 309 | X-3675-851-0 | s ROLLER ASSY, TR                       |
| 310 | 1-648-921-11 | o TR-84 BOARD                           |
| 311 | 1-648-927-12 | o PTC-68 BOARD                          |
| 312 | 1-698-179-11 | s MOTOR, DC (CAPSTAN)                   |
| 313 | 1-810-381-11 | s SENSOR, DEW CONDENSATION              |
| 314 | 2-618-901-00 | s SPRING                                |
| 315 | 3-171-234-01 | s SPACER, FLANGE 0.01T                  |
| 316 | 3-171-234-11 | s SPACER, FLANGE 0.03T                  |
| 317 | 3-171-234-21 | s SPACER, FLANGE 0.05T                  |
| 318 | 3-171-579-02 | o SPRING, LEAF, TENSION REGULATOR       |
| 319 | 3-182-216-01 | o BRACKET, GROUND                       |
| 320 | 3-182-217-03 | o BRACKET, TAPE                         |
| 321 | 3-182-257-02 | s HOLDER, DME                           |
| 322 | 3-182-274-01 | o PLATE, ADJUSTMENT, RETURN             |
| 323 | 3-182-275-01 | o COVER, MAGNET                         |
| 324 | 3-182-288-02 | o PROTECTOR                             |
| 325 | 3-182-289-02 | o BASE, TR                              |
| 326 | 3-437-173-02 | o SCREW, HEAD ADJUSTING                 |
| 327 | 3-653-350-00 | s SPRING, COMPRESSION                   |
| 328 | 3-669-465-01 | s WASHER (1.5), STOPPER                 |
| 329 | 3-669-596-01 | s WASHER (2.3), STOPPER                 |
| 330 | 3-677-749-03 | s RETAINER, B                           |
| 331 | 3-677-752-00 | s NUT, ADJUSTMENT, T                    |
| 332 | 3-680-828-01 | o MAGNET                                |
| 333 | 3-680-860-01 | s SPRING, TENSION(POWER TENSION)        |
| 334 | 3-717-253-01 | s ROLLER                                |
| 335 | 3-729-125-11 | o SCREW (M2.6 x 8)                      |
| 336 | 7-621-731-08 | s SET SCREW, FLAT POINT 2 x 2.5         |
| 337 | 7-683-176-21 | s SET SCREW, SLOT CONE POINT 3 x 6      |
| 338 | 8-719-339-05 | s PHOTO INTERRUPTER GP1S54              |
| 339 | 8-745-001-07 | s DM-230-1                              |

DRUM & TENSION REGULATOR ASSEMBLY



DR-214 BOARD ASSEMBLY



| No. | Part No.     | SP Description                          |
|-----|--------------|-----------------------------------------|
| 401 | A-8275-288-A | o COMPLETE PCB, MS-38A (UVW-1200/1200P) |
| 401 | A-8275-291-A | o COMPLETE PCB, MS-39 (UVW-1400/1400P)  |
| 402 | A-8275-290-A | o COMPLETE PCB, DR-214                  |
| 403 | 1-751-633-12 | s WIRE, FLEXIBLE CARD                   |
| 404 | 1-648-926-12 | o PTC-66 BOARD                          |
| 405 | 1-558-261-31 | s WIRE, FLEXIBLE CARD                   |
| 406 | 1-751-634-12 | s WIRE, FLEXIBLE CARD                   |
| 407 | 3-182-357-01 | o HEAT SINK (L), DR                     |
| 408 | 3-182-358-01 | o HEAT SINK (R), DR                     |
| 409 | 3-182-400-01 | o SHEET, MS                             |
| 410 | 3-182-401-02 | o HOLDER, FLAT CABLE                    |
| 411 | 3-183-144-01 | o HEAT SINK (D), DR                     |
| 412 | 4-911-232-01 | s SHEET INSULATING                      |
| 413 | 8-719-939-05 | s PHOTO INTERRUPTER GP1S54              |

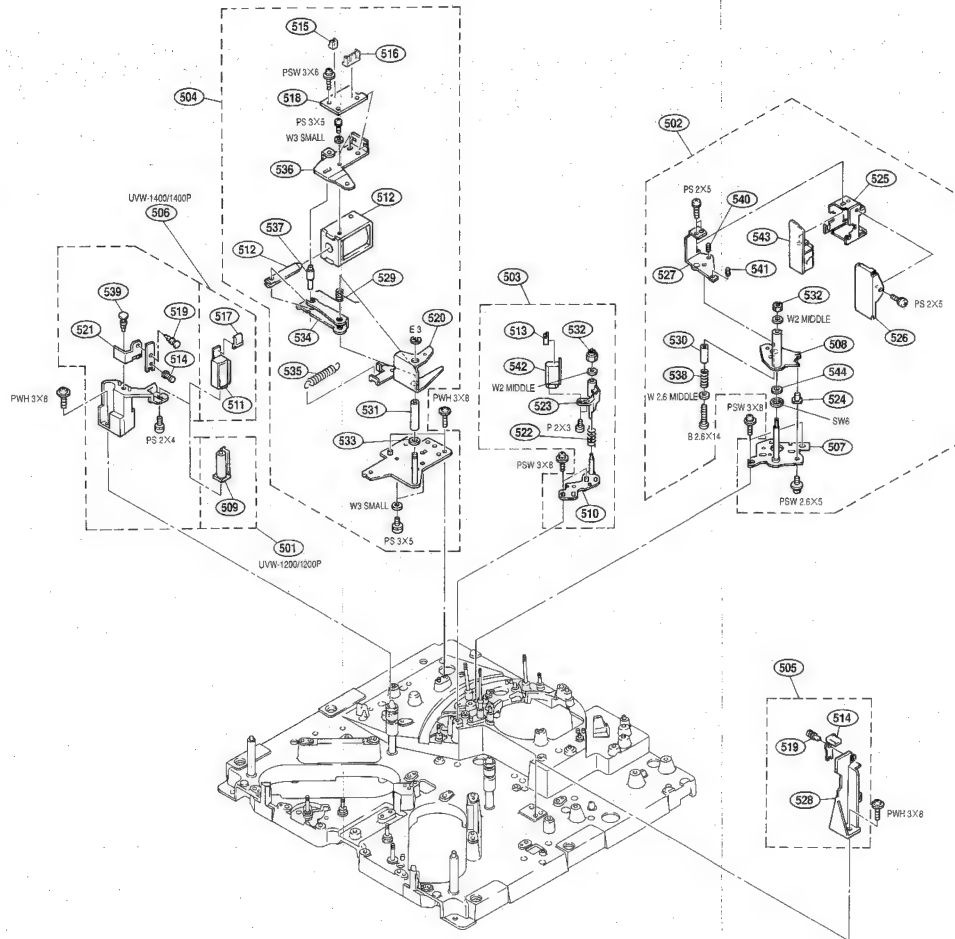
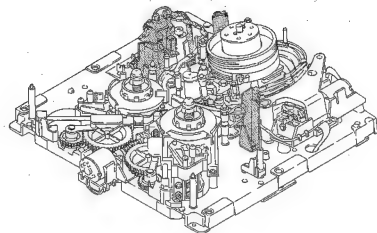
# **PRESS ASSY, PINCH**

| No. | Part No.     | SP Description                          |
|-----|--------------|-----------------------------------------|
| 501 | A-8267-676-A | o BLADE ASSY (UVW-1200/1200P)           |
| 502 | A-8267-677-B | s HEAD (P) ASSY, AT (UVW-1200/1200P)    |
| 502 | A-8310-058-B | s HEAD (R-P) ASSY, AT (UVW-1400/1400P)  |
| 503 | A-8267-694-A | s HEAD ASSY, CTL                        |
| 504 | A-8267-695-A | s PRESS ASSY, PINCH                     |
| 505 | A-8267-696-A | o SENSOR ASSY, T                        |
| 506 | A-8267-697-A | o HEAD ASSY, FE (UVW-1400/1400P)        |
| 507 | X-3167-210-2 | o SUPPORT (P) ASSY, AT                  |
| 508 | X-3167-211-2 | o PLATE, ADJUSTMENT ASSY, P             |
| 509 | X-3167-212-2 | s CLEANING BLADE ASSY (UVW-1200/1200P)  |
| 510 | X-3167-221-1 | o BRACKET ASSY, CTL HEAD                |
| 511 | X-3167-316-2 | s HEAD (EP291-21) ASSY (UVW-1400/1400P) |
| 512 | 1-454-336-00 | s SOLENOID, PLUNGER                     |
| 513 | 1-506-481-11 | o PIN, CONNECTOR 2P                     |
| 514 | 1-543-316-31 | s HEAD, SENSING (SMALL TYPE)            |
| 515 | 1-564-001-11 | o PIN, CONNECTOR 2P                     |
| 516 | 1-564-005-11 | o PIN, CONNECTOR 6P                     |
| 517 | 1-564-013-11 | o PIN, CONNECTOR 3P (UVW-1400/1400P)    |
| 518 | 1-622-596-11 | o PC BOARD, PD-35                       |
| 519 | 2-279-715-01 | s RIVET, NYLON                          |
| 520 | 3-182-244-01 | o LEVER, P PRESS                        |
| 521 | 3-182-250-01 | o HOLDER, S SENSOR                      |
| 522 | 3-182-255-01 | s SPRING, CTL                           |
| 523 | 3-182-256-01 | o DECK, CTL HEAD                        |
| 524 | 3-182-317-01 | o SHAFT, AT FIXED                       |
| 525 | 3-182-376-02 | o CASE (1), AT SHIELD                   |
| 526 | 3-182-377-03 | o CASE (2), AT SHIELD                   |
| 527 | 3-182-388-03 | o BRACKET, RP                           |
| 528 | 3-182-391-01 | o HOLDER, T SENSOR                      |
| 529 | 3-537-674-03 | s SPRING, TENSION                       |
| 530 | 3-642-719-01 | o SPACER (2.6X11)                       |
| 531 | 3-653-382-01 | o SPACER (4X25)                         |
| 532 | 3-698-829-01 | s NUT (M2)                              |
| 533 | 3-701-441-21 | s WASHER, POLY 4MM DIA 0.5T             |
| 534 | 3-717-247-01 | o LIMITER, P                            |
| 535 | 3-717-248-01 | o SPRING                                |
| 536 | 3-717-249-01 | o STOPPER, P                            |
| 537 | 3-717-250-02 | o SHAFT, JOINT, P                       |
| 538 | 3-738-730-01 | s SPRING, COMPRESSION                   |
| 539 | 4-812-134-21 | s RIVET NYLON, 3.5                      |
| 540 | 7-621-712-46 | s SET SCREW, SLOT FLAT POINT 2.6X5      |
| 541 | 7-621-712-55 | s SET SCREW, SLOT CONE POINT 2.6X6      |
| 542 | 8-825-554-83 | s HEAD, CTL PS244-21B                   |
| 543 | 8-825-779-11 | s HEAD EPS244-2103H (UVW-1400/1400P)    |
| 543 | 8-825-778-91 | s HEAD PS244-2103G (UVW-1200/1200P)     |
| 544 | 3-639-647-00 | s WASHER (0.5T)                         |

PRESS ASSY, PINCH

PRESS ASSY, PINCH

PRESS ASSY, PINCH



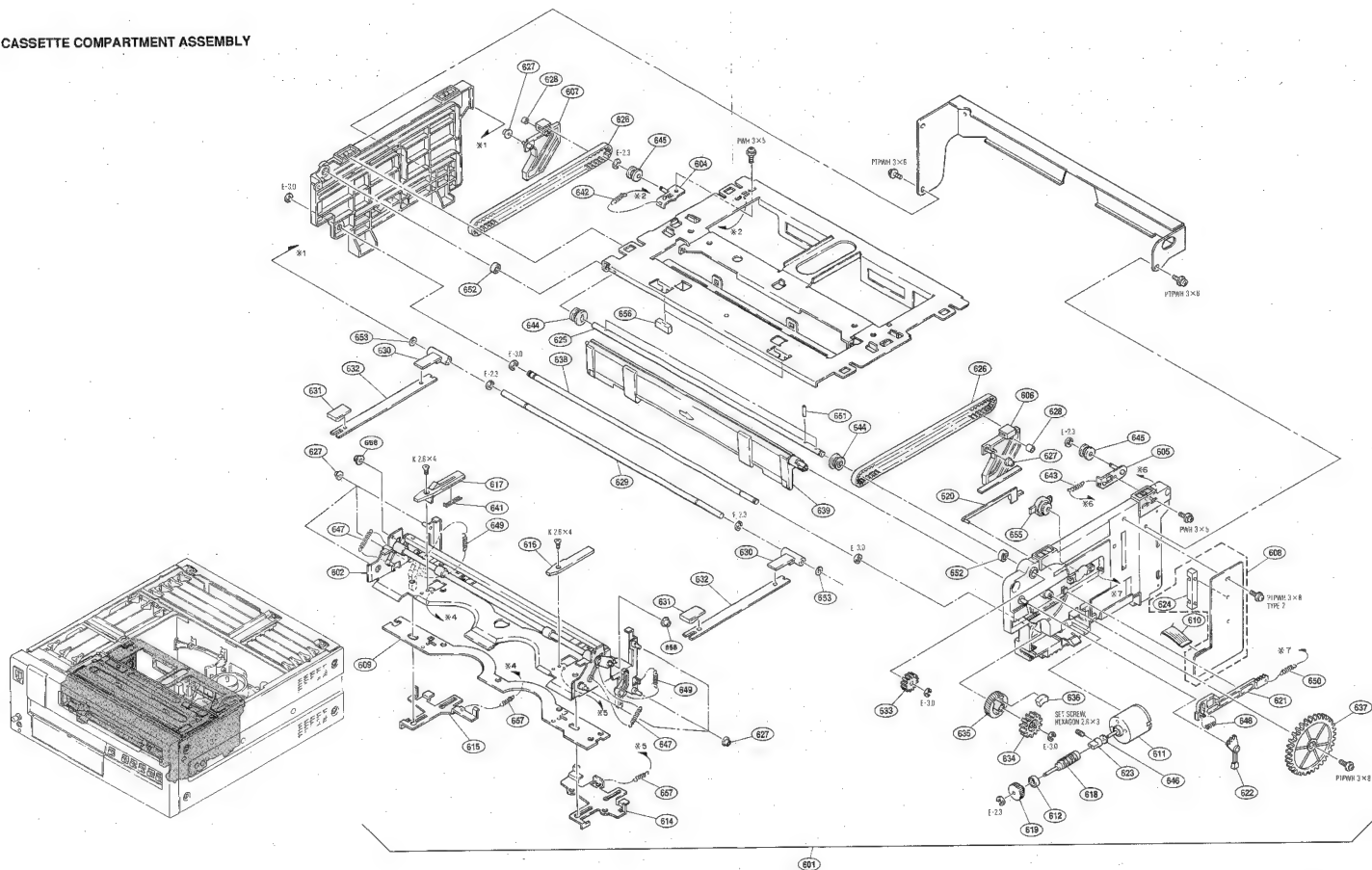
UVW-1400/1200  
UVW-1400P/1200P

18-15

18-15



## CASSETTE COMPARTMENT ASSEMBLY

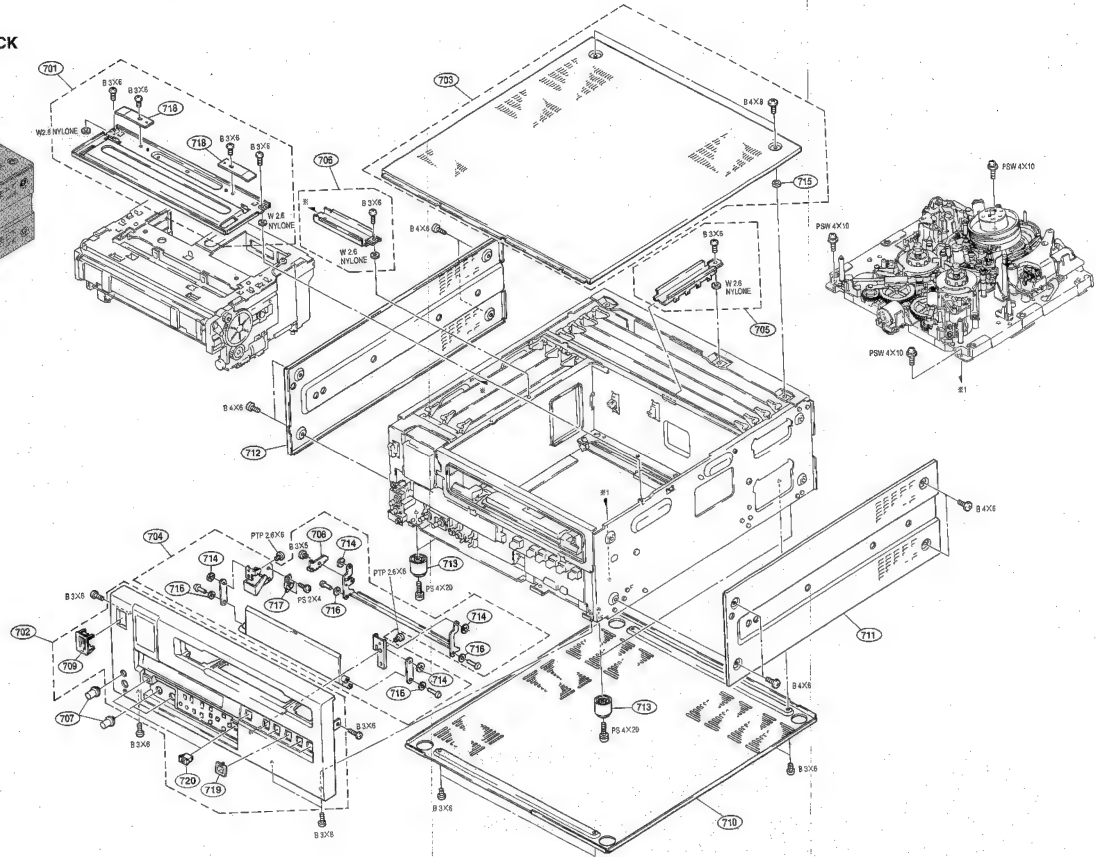
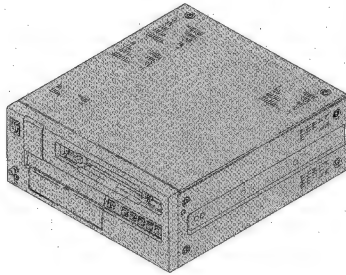


| No. | Part No.     | SP | Description                    |
|-----|--------------|----|--------------------------------|
| 601 | A-8267-863-D | s  | CASSETTE COMPARTMENT ASSY      |
| 602 | A-8276-957-B | s  | STAGE ASSY(RP)                 |
| 604 | X-3166-065-1 | o  | DECK (L) ASSY, PULLEY          |
| 605 | X-3166-066-1 | o  | DECK (R) ASSY, PULLEY          |
| 606 | X-3167-447-3 | o  | SLIDER (R) ASSY                |
| 607 | X-3167-446-3 | o  | SLIDER (L) ASSY                |
| 608 | A-8276-626-B | o  | MOUNTED CIRCUIT BOARD, CL-29   |
| 609 | A-8276-625-A | o  | MOUNTED CIRCUIT BOARD, PC-70   |
| 610 | 1-751-644-11 | s  | WIRE, FLEXIBLE CARD (5P)       |
| 611 | 1-698-152-11 | s  | MOTOR, DC SVD-1499             |
| 612 | 3-188-745-01 | s  | BEARING, BALL, (B) (NO FRANGE) |
| 614 | 3-171-367-05 | o  | SWITCH (R), IN                 |
| 615 | 3-171-398-04 | o  | SWITCH (L), IN                 |
| 616 | 3-171-399-02 | o  | GUIDE (R), CASSETTE            |
| 617 | 3-171-400-04 | o  | GUIDE (L), CASSETTE            |
| 618 | 3-171-418-02 | s  | WORM                           |
| 619 | 3-171-419-11 | s  | WHEEL                          |
| 620 | 3-171-420-03 | o  | SHUTTER                        |
| 621 | 3-171-421-01 | o  | SLIDER, DOOR SWITCHING         |
| 622 | 3-171-422-01 | o  | LEVER, DOOR SWITCHING          |
| 623 | 3-171-423-02 | o  | JOINT, MOTOR                   |
| 624 | 3-171-424-02 | o  | HOLDER, SENSER                 |
| 625 | 3-171-457-02 | o  | SHAFT, JOINT                   |
| 626 | 3-171-458-01 | s  | BELT, TIMING                   |
| 627 | 3-171-459-01 | s  | ROLLER, GUIDE                  |
| 628 | 3-171-460-01 | s  | ROLLER, SLIDER                 |
| 629 | 3-171-461-01 | o  | SHAFT, RETAINER, L CASSETTE    |
| 630 | 3-171-462-01 | o  | HOLDER, SHAFT                  |
| 631 | 3-171-463-03 | o  | PLATE                          |
| 632 | 3-171-464-01 | o  | SPRING, LEAF                   |
| 633 | 3-171-465-01 | o  | GEAR, DRIVING                  |
| 634 | 3-171-466-02 | o  | GEAR, LIMITER                  |
| 635 | 3-181-430-01 | o  | WHEEL, WORM                    |
| 636 | 3-181-431-01 | o  | RUBBER, LIMITER                |
| 637 | 3-171-479-01 | o  | GEAR, MIDWAY                   |
| 638 | 3-171-480-01 | o  | SHAFT, WORM WHEEL              |
| 639 | 3-171-510-02 | s  | DOOR, CASSETTE                 |
| 641 | 3-176-139-01 | s  | SPRING, C GUIDE                |
| 642 | 3-176-578-01 | s  | SPRING, TENSION                |
| 643 | 3-176-579-01 | s  | SPRING, TENSION                |
| 644 | 3-176-583-01 | o  | PULLEY (A)                     |
| 645 | 3-176-584-01 | o  | PULLEY (B)                     |
| 646 | 3-182-706-01 | s  | SPACER                         |
| 647 | 3-548-757-00 | s  | SPRING, TENSION                |
| 648 | 3-579-759-00 | s  | SPRING, COMPRESSION            |
| 649 | 3-646-214-00 | s  | SPRING                         |
| 650 | 3-672-461-00 | s  | SPRING, TENSION                |
| 651 | 3-677-193-00 | o  | PIN, STOPPER                   |
| 652 | 3-698-217-01 | s  | BEARING (NO FLANGE), BALL      |
| 653 | 3-701-439-21 | s  | WASHER                         |
| 655 | 3-712-786-01 | s  | DAMPER, OIL                    |
| 656 | 3-717-369-04 | o  | STOPPER, DOOR                  |
| 657 | 4-858-799-00 | s  | SPRING, TENSION                |
| 658 | 3-188-273-01 | s  | ROLLER(B), GUIDE               |

## CHASSIS & ORNAMENTAL PANEL BLOCK

| No. | Part No.     | SP Description                                 |
|-----|--------------|------------------------------------------------|
| 701 | A-6771-428-A | s STAY ASSY, CASSETTE COMPARTMENT              |
| 702 | A-8310-062-E | o PANEL ASSY, FRONT (UVW-1200)                 |
| 702 | A-8310-100-E | o PANEL (P) ASSY, FRONT (UVW-1200P)            |
| 702 | A-8310-054-E | o PANEL ASSY, FRONT (UVW-1400)                 |
| 702 | A-8310-099-E | o PANEL (P) ASSY, FRONT (UVW-1400P)            |
| 703 | A-8267-665-C | o LID, UPPER ASSY                              |
| 704 | A-8267-667-C | o DOOR ASSY, FRONT                             |
| 705 | A-8267-670-B | o RETAINER (L) ASSY, PC BOARD                  |
| 706 | A-8267-673-B | o RETAINER (S) ASSY, PC BOARD (UVW-1400/1400P) |
| 707 | X-3166-071-1 | s KNOB ASSY (B), VOL                           |
| 708 | 3-182-395-02 | o GEAR, DAMPER                                 |
| 709 | 3-182-406-01 | o GUARD, POWER SW                              |
| 710 | 3-182-441-03 | o PLATE, BOTTOM                                |
| 711 | 3-182-451-02 | o CABINET (RIGHT)                              |
| 712 | 3-182-452-02 | o CABINET (LEFT)                               |
| 713 | 3-642-656-01 | s FOOT                                         |
| 714 | 3-669-595-00 | s WASHER (2), STOPPER                          |
| 715 | 3-686-102-01 | o SPACER, M4                                   |
| 716 | 3-701-438-21 | s WASHER                                       |
| 717 | 3-712-786-01 | s DAMPER, OIL                                  |
| 718 | 3-717-306-01 | o SPRING                                       |
| 719 | 3-717-377-01 | o FRAME (SQUARE 17), ORNAMENTAL                |
| 720 | 3-736-779-21 | s MAGNET                                       |

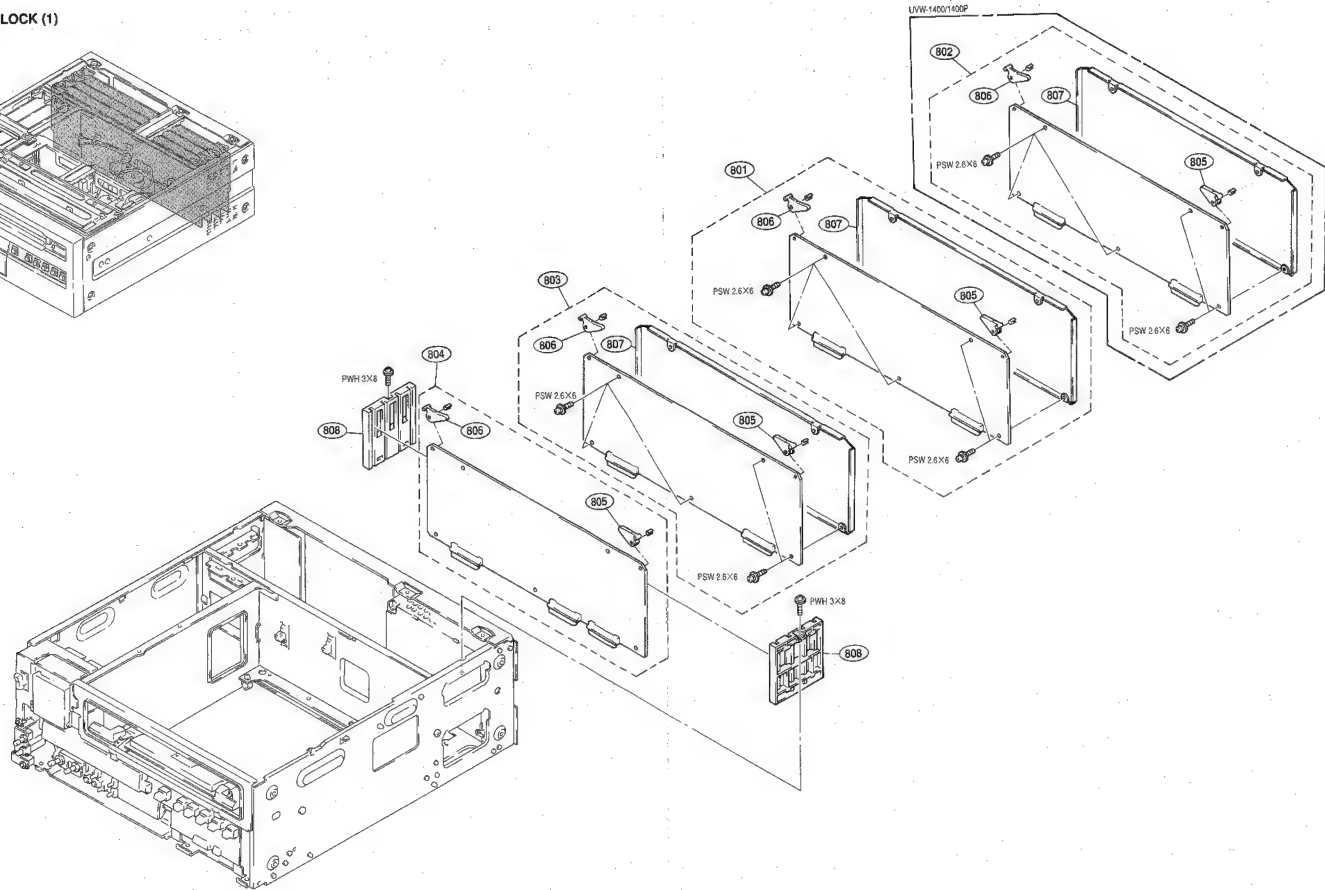
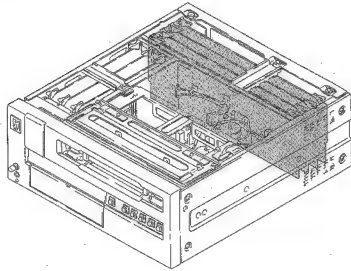
## CHASSIS &amp; ORNAMENTAL PANEL BLOCK



CARD RACK BLOCK (1)

CARD RACK BLOCK (1)

CARD RACK BLOCK (1)



| No. | Part No.     | SP | Description                             |
|-----|--------------|----|-----------------------------------------|
| 801 | A-8275-567-A | o  | COMPLETE PCB, VP-44A (UVW-1200)         |
| 801 | A-8275-571-A | o  | COMPLETE PCB, VP-44 (UVW-1400)          |
| 801 | A-8275-605-A | o  | COMPLETE PCB, VP-44P (UVW-1400P)        |
| 801 | A-8275-610-A | o  | COMPLETE PCB, VP-44AP (UVW-1200P)       |
| 802 | A-8275-570-A | o  | COMPLETE PCB, VRA-5A (UVW-1400)         |
| 802 | A-8275-604-A | o  | COMPLETE PCB, VRA-5AP (UVW-1400P)       |
| 803 | A-8275-572-A | o  | COMPLETE PCB, TBC-28 (UVW-1400/1200)    |
| 803 | A-8275-606-A | o  | COMPLETE PCB, TBC-28P (UVW-1400P/1200P) |
| 804 | A-8275-573-A | o  | COMPLETE PCB, SS-53A                    |
| 805 | 3-179-084-01 | s  | LEVER, PC BOARD (R)                     |
| 806 | 3-179-085-01 | s  | LEVER, PC BOARD (L)                     |
| 807 | 3-182-366-02 | o  | PLATE, SHIELD (L), CARD                 |
| 808 | 3-182-438-02 | o  | GUIDE (L), PCB                          |

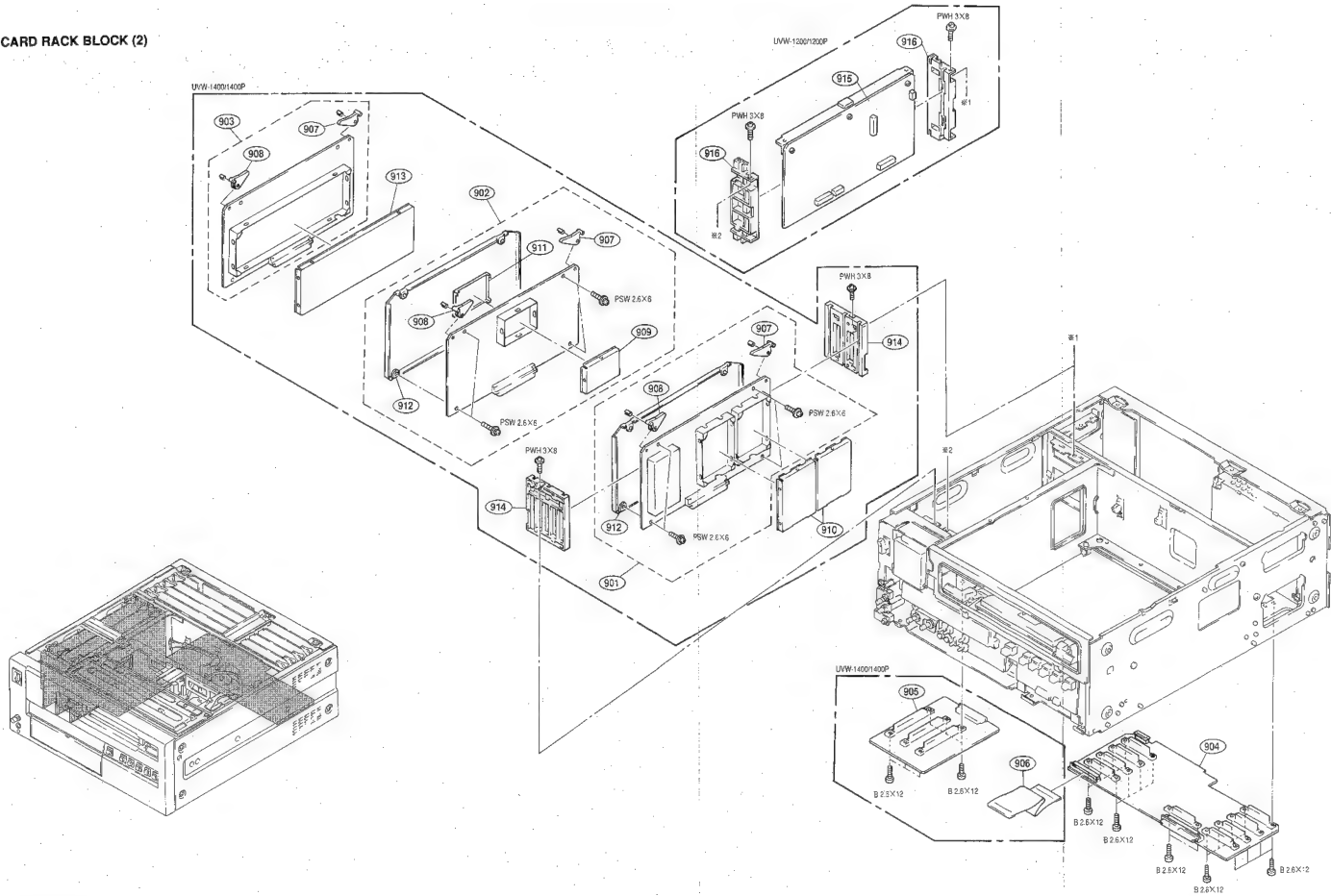
# CARD RACK BLOCK (2)

| No. | Part No.     | SP | Description                                |
|-----|--------------|----|--------------------------------------------|
| 901 | A-8275-574-A | o  | COMPLETE PCB, RP-70B (UVW-1400)            |
| 901 | A-8275-607-A | o  | COMPLETE PCB, RP-70BP (UVW-1400P)          |
| 902 | A-8275-575-A | o  | COMPLETE PCB, AP-31B (UVW-1400)            |
| 902 | A-8275-608-A | o  | COMPLETE PCB, AP-31BP (UVW-1400P)          |
| 903 | A-8275-576-A | o  | COMPLETE PCB, AR-14A (UVW-1400)            |
| 903 | A-8275-609-A | o  | COMPLETE PCB, AR-14AP (UVW-1400P)          |
| 904 | A-8276-857-A | o  | MOUNTED PCB, MB-520A (UVW-1200)            |
| 904 | A-8276-861-A | o  | MOUNTED PCB, MB-520 (UVW-1400)             |
| 904 | A-8276-879-A | o  | MOUNTED PCB, MB-520P (UVW-1400P)           |
| 904 | A-8276-880-A | o  | MOUNTED PCB, MB-520AP (UVW-1200P)          |
| 905 | A-8276-864-A | o  | MOUNTED PCB, MB-471B (UVW-1400/1400P)      |
| 906 | 1-751-632-13 | s  | WIRE, FLEXIBLE CARD 34P (UVW-1400/1400P)   |
| 907 | 3-179-084-01 | s  | LEVER, PC BOARD (R)                        |
| 908 | 3-179-085-01 | s  | LEVER, PC BOARD (L)                        |
| 909 | 3-182-298-01 | o  | CASE, SHIELD (LID), AP2 (UVW-1400/1400P)   |
| 910 | 3-182-316-01 | o  | CASE, SHIELD (LID), PR70V (UVW-1400/1400P) |
| 911 | 3-182-351-01 | o  | CASE, SHIELD, AP (2B) (UVW-1400/1400P)     |
| 912 | 3-182-385-02 | o  | PLATE, SHIELD (S), CARD                    |
| 913 | 3-182-407-01 | o  | LID, AR CASE, SHIELD (UVW-1400/1400P)      |
| 914 | 3-182-439-02 | o  | GUIDE (S), PCB (UVW-1400/1400P)            |
| 915 | A-8275-568-A | o  | COMPLETE PCB, AP-34 (UVW-1200)             |
| 915 | A-8275-611-A | o  | COMPLETE PCB, AP-34P (UVW-1200P)           |
| 916 | 3-183-976-01 | o  | GUIDE (P), PCB (UVW-1200/1200P)            |

# CARD RACK BLOCK (2)

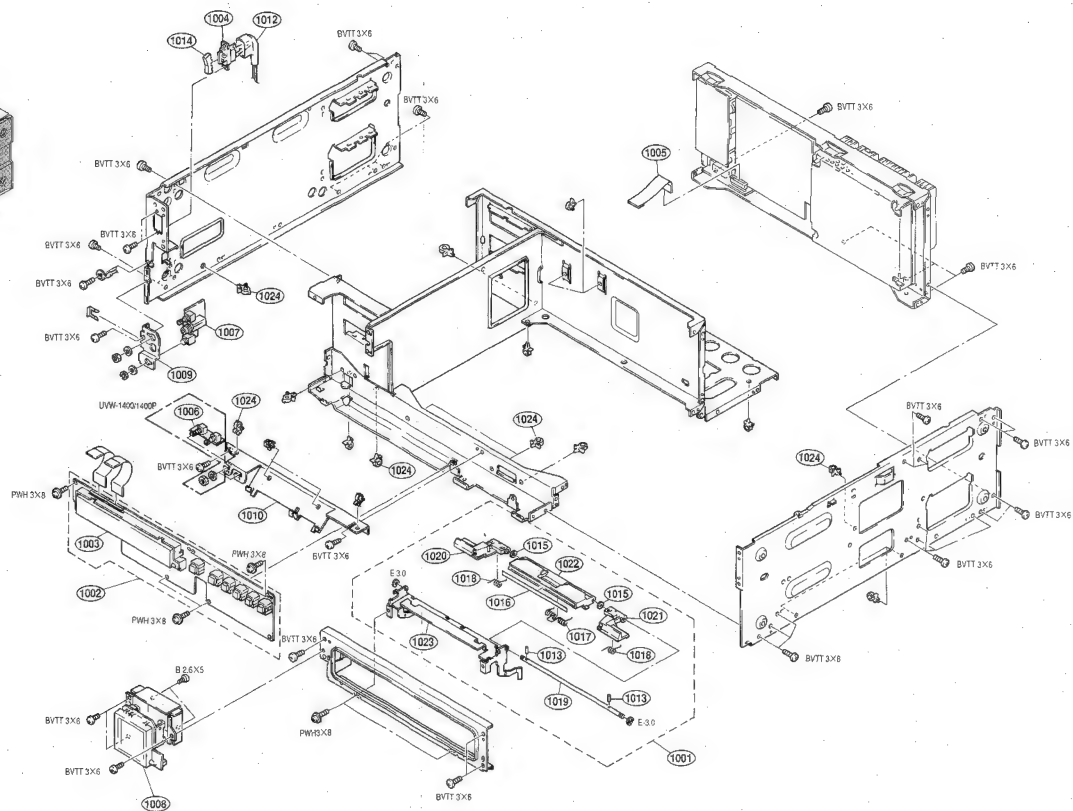
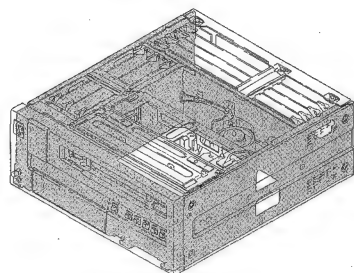
# CARD RACK BLOCK (2)

## CARD RACK BLOCK (2)





## CHASSIS BLOCK

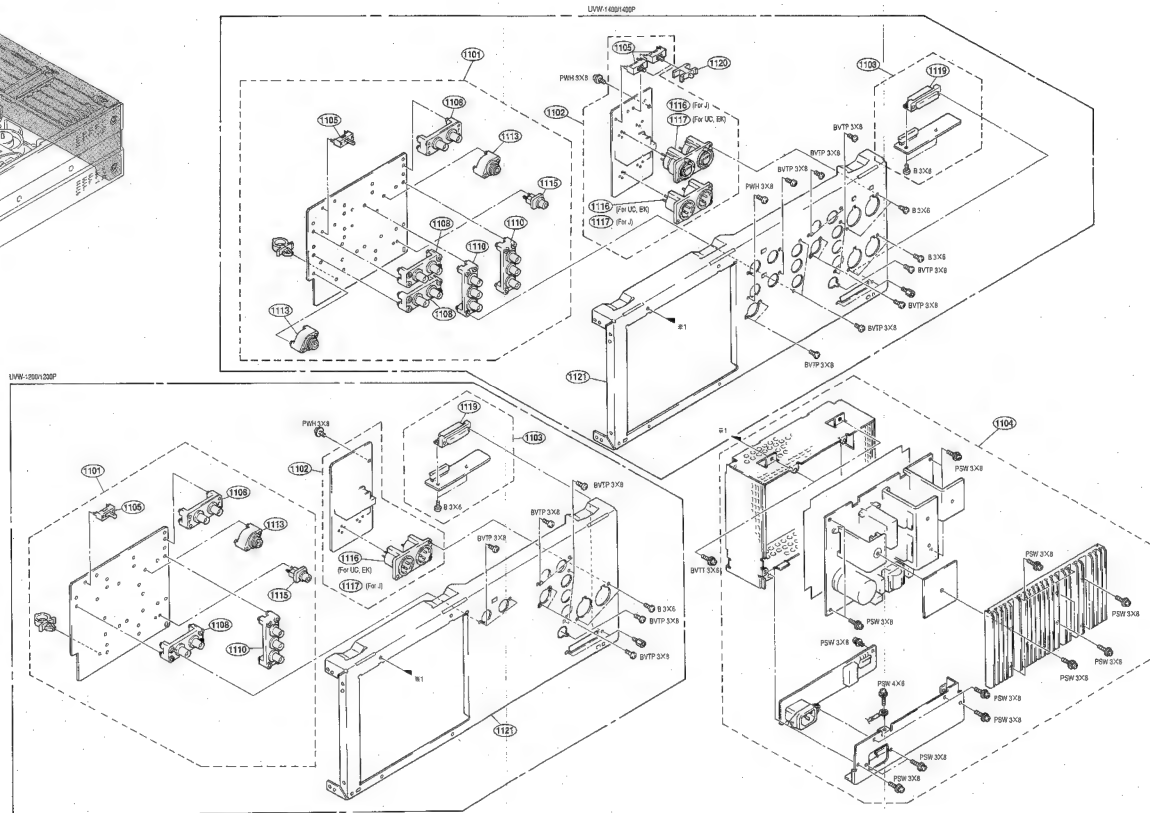
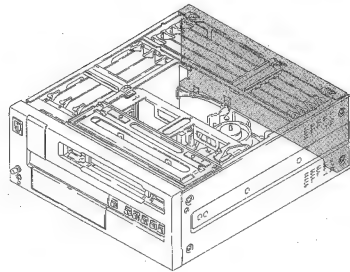


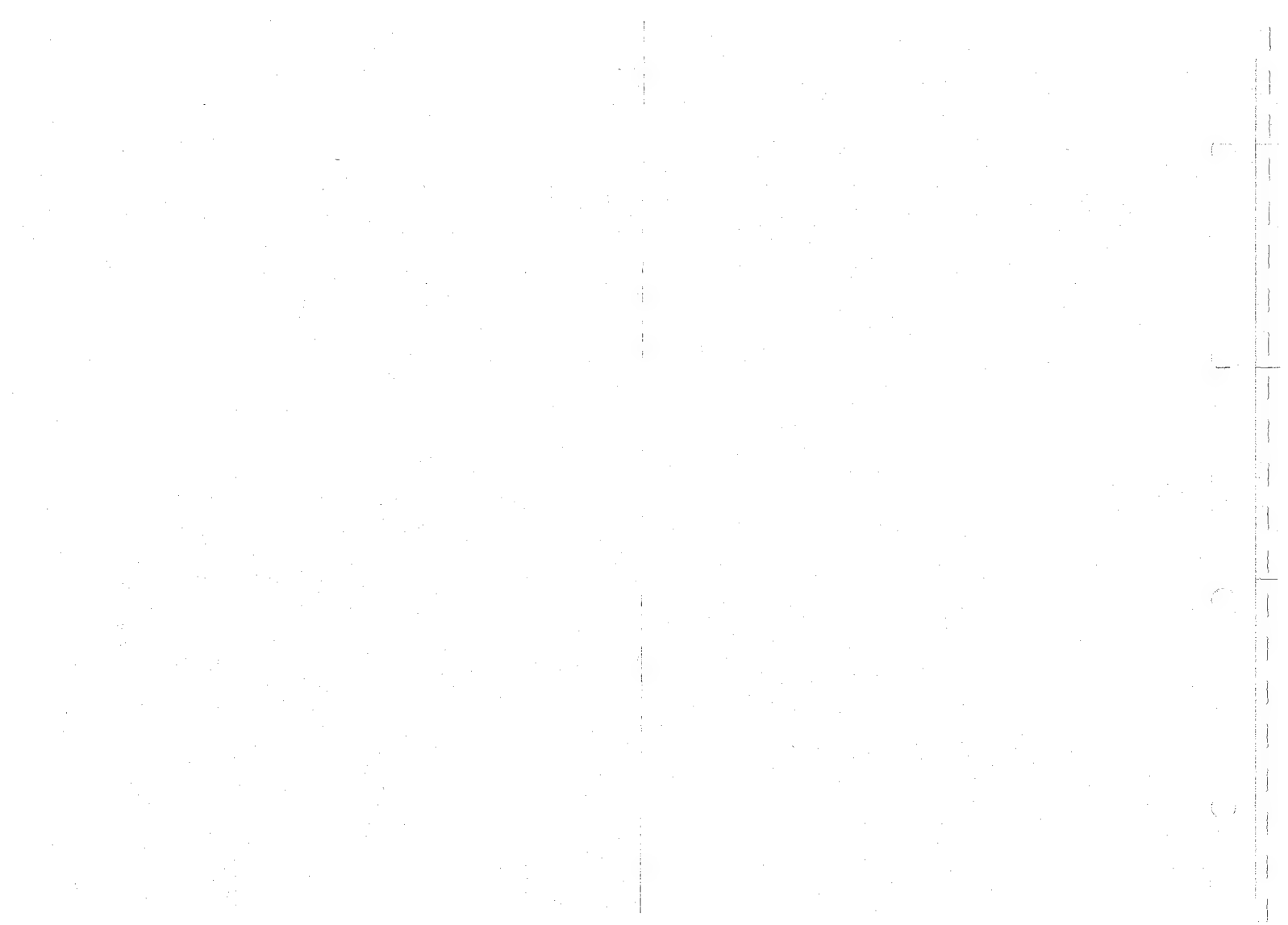
| No.  | Part No.       | SP Description                                    |
|------|----------------|---------------------------------------------------|
| 1001 | A-6751-377-G   | o GUIDE ASSY, SC                                  |
| 1002 | A-8275-569-A   | o COMPLETE PCB, KY-290A (UVW-1200/1200P)          |
| 1002 | A-8275-577-A   | o COMPLETE PCB, KY-290 (UVW-1400/1400P)           |
| 1003 | 1-517-246-11   | s INDICATION TUBE, FLUORESCENT                    |
| 1004 | △ 1-570-117-31 | s SWITCH, SEESAW (AC POWER)                       |
| 1005 | 1-575-733-11   | s WIRE, FLAT TYPE (17 CORE)                       |
| 1006 | 1-648-916-11   | o VR-155 BOARD (UVW-1400/1400P)                   |
| 1007 | 1-648-917-12   | o HP-61 BOARD                                     |
| 1008 | 1-810-374-11   | s INDICATOR TUBE MODULE, FLUORES (UVW-1400/1400P) |
| 1009 | 3-182-297-01   | o BRACKET, HP FIXED                               |
| 1010 | 3-182-449-01   | o BRACKET, VR                                     |
| 1012 | 3-659-969-11   | o COVER, SWITCH                                   |
| 1013 | 3-677-193-00   | o PIN, STOPPER                                    |
| 1014 | 3-688-814-01   | s CAP, SWITCH                                     |
| 1015 | 3-701-441-21   | s WASHER                                          |
| 1016 | 3-717-614-01   | o LABEL, C-LOCK OUT                               |
| 1017 | 3-717-615-01   | o SPRING                                          |
| 1018 | 3-717-616-01   | o SPRING                                          |
| 1019 | 3-717-617-01   | o SHAFT, SC GUIDE                                 |
| 1020 | 3-717-618-01   | o GUIDE (LEFT), SC                                |
| 1021 | 3-717-619-02   | o GUIDE (RIGHT), SC                               |
| 1022 | 3-717-620-01   | o PLATE, OUT, C-LOCK                              |
| 1023 | 3-717-621-03   | o PLATE, INDICATION, SC GUIDE                     |
| 1024 | 4-312-237-00   | o CLIP, CABLE                                     |

# CONNECTOR PANEL BLOCK

| No.  | Part No.       | SP | Description                                      |
|------|----------------|----|--------------------------------------------------|
| 1101 | A-8276-858-A   | o  | MOUNTED PCB, CP-225C (UVW-1200/1200P)            |
| 1101 | A-8276-862-A   | o  | MOUNTED PCB, CP-225B (UVW-1400/1400P)            |
| 1102 | A-8276-733-A   | o  | MOUNTED PCB, CP-226A (UVW-1200/1200P)            |
| 1102 | A-8276-739-A   | o  | MOUNTED PCB, CP-226 (UVW-1400/1400P)             |
| 1102 | A-8276-762-A   | o  | MOUNTED PCB, CP-226J (UVW-1400 For J)            |
| 1102 | A-8276-763-A   | o  | MOUNTED PCB, CP-226AJ (UVW-1200 For J)           |
| 1103 | A-8276-865-A   | o  | MOUNTED PCB, CP-238                              |
| 1104 | △ 1-413-889-11 | s  | SWITCHING REGULATOR (SOPS-1045) (UVW1400/1200)   |
| 1104 | △ 1-413-925-12 | s  | SWITCHING REGULATOR (SOPS-1046) (UVW1400P/1200P) |
| 1105 | 1-570-157-51   | s  | SWITCH, SLIDE                                    |
| 1108 | 1-573-582-11   | s  | CONNECTOR, BNC (RECEPTACLE)                      |
| 1110 | 1-573-584-11   | s  | CONNECTOR, BNC (RECEPTACLE)                      |
| 1113 | 1-573-590-12   | s  | CONNECTOR, (S) TERMINAL 4P                       |
| 1115 | 1-691-273-11   | s  | JACK, PIN 1P                                     |
| 1116 | 1-750-785-11   | s  | CONNECTOR (XLR TYPE) 3P                          |
| 1117 | 1-750-786-11   | s  | CONNECTOR (XLR TYPE) 3P                          |
| 1119 | 1-750-890-11   | s  | CONNECTOR, D-SUB (ANGLE TYPE) 25P                |
| 1120 | 3-171-450-01   | o  | ADAPTOR, SW                                      |
| 1121 | 3-182-459-21   | o  | CONNECTOR, PANEL (UVW-1200/1200P)                |
| 1121 | 3-182-459-31   | o  | CONNECTOR, PANEL (UVW-1400/1400P)                |

## CONNECTOR PANEL BLOCK





### 18-3. ELECTRICAL PARTS LIST

#### PARTS CHANGE INFORMATION

In this list \* marked parts are design-changed. Applicable serial numbers are as follows:

UVW-1400/1400P

- \*1 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 10290 (For UC)  
marked parts are for serial No. up to 10040 (For EK)
- \*2 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10291 and higher (For UC)  
marked parts are for serial No. 10041 and higher (For EK)
- \*3 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 10390 (For UC)  
marked parts are for serial No. up to 10470 (For EK)
- \*4 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10391 and higher (For UC)  
marked parts are for serial No. 10471 and higher (For EK)
- \*5 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 10500 (For UC)  
marked parts are for serial No. up to 10790 (For EK)
- \*6 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10501 and higher (For UC)  
marked parts are for serial No. 10791 and higher (For EK)
- \*7 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 10680 (For UC)  
marked parts are for serial No. up to 10990 (For EK)
- \*8 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 11050 (For UC)  
marked parts are for serial No. up to 11490 (For EK)
- \*9 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11051 and higher (For UC)  
marked parts are for serial No. 11491 and higher (For EK)
- \*10 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 11100 (For UC)  
marked parts are for serial No. up to 11790 (For EK)
- \*11 and \*12  
marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11101 and higher (For UC)  
marked parts are for serial No. 11791 and higher (For EK)
- \*13 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 11100 (For UC)  
marked parts are for serial No. up to 12090 (For EK)
- \*14 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11101 and higher (For UC)  
marked parts are for serial No. 12091 and higher (For EK)
- \*15 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11101 and higher (For UC)  
marked parts are for serial No. 12291 and higher (For EK)
- \*16 marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 11140 (For UC)  
marked parts are for serial No. up to 12400 (For EK)
- \*17 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11141 and higher (For UC)  
marked parts are for serial No. 12401 and higher (For EK)
- \*18, \*20, \*22, \*24, \*26, \*28, \*30, \*31, \*33, \*36 and \*38  
marked parts are for serial No. up to 10420 (For J)  
marked parts are for serial No. up to 11140 (For UC)  
marked parts are for serial No. up to 12450 (For EK)
- \*19, \*21, \*24, \*25, \*27, \*29, \*32, \*34, \*35, \*37 and \*39  
marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11141 and higher (For UC)  
marked parts are for serial No. 12451 and higher (For EK)
- \*40 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10291 to 11050 (For UC)  
marked parts are for serial No. 10041 to 11720 (For EK)
- \*41 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10501 to 11050 (For UC)  
marked parts are for serial No. 10791 to 11490 (For EK)
- \*42 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11051 to 11100 (For UC)  
marked parts are for serial No. 11491 to 11790 (For EK)
- \*43 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 10391 to 11050 (For UC)  
marked parts are for serial No. 10471 to 11490 (For EK)
- \*44 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11051 to 11140 (For UC)  
marked parts are for serial No. 11491 to 12450 (For EK)
- \*45 marked parts are for serial No. 10421 and higher (For J)  
marked parts are for serial No. 11141 and higher (For UC)  
marked parts are for serial No. 12451 and higher (For EK)

- [illegible]

- \*39 marked parts are for serial No. 10841 and higher (For J)  
 marked parts are for serial No. 12741 and higher (For UC)  
 marked parts are for serial No. 15041 and higher (For EK)
- \*40 marked parts are for serial No. 10101 to 10350 (For J)  
 marked parts are for serial No. 10251 to 11090 (For UC)  
 marked parts are for serial No. 10041 to 11720 (For EK)
- \*41 marked parts are for serial No. 10201 to 10350 (For J)  
 marked parts are for serial No. 10721 to 11090 (For UC)  
 marked parts are for serial No. 10971 to 11720 (For EK)
- \*42 marked parts are for serial No. 10351 to 10400 (For J)  
 marked parts are for serial No. 11091 to 11230 (For UC)  
 marked parts are for serial No. 11721 to 12070 (For EK)
- \*43 marked parts are for serial No. 10201 to 10350 (For J)  
 marked parts are for serial No. 10401 to 11090 (For UC)  
 marked parts are for serial No. 10571 to 11720 (For EK)
- \*44 marked parts are for serial No. 10351 to 10490 (For J)  
 marked parts are for serial No. 11091 to 11590 (For UC)  
 marked parts are for serial No. 11721 to 13220 (For EK)
- \*45 marked parts are for serial No. 11661 to 10780 (For J)  
 marked parts are for serial No. 12141 to 12480 (For UC)  
 marked parts are for serial No. 14021 to 14490 (For EK)



## AP-31B BOARD (for UVW-1400, NTSIC)

Ref. No.  
or Q'ty Part No. SP Description

AP-31B board is used for UVW-1400.

1pc A-8275-575-A o MOUNTED CIRCUIT BOARD, AP-31B  
1pc 3-179-084-01 o LEVER (R), PC BOARD  
1pc 3-179-085-01 o LEVER (L), PC BOARD  
1pc 3-182-385-02 o PLATE, SHIELD (S), CARD  
1pc 3-655-862-00 o SPACER, INSULATING  
  
1pc 7-621-759-45 s SCREW, +PSW2.6x6  
1pc 3-182-298-01 o CASE, SHIELD (LID), AP (2)  
1pc 3-182-351-01 o CASE, SHIELD, AP (2B)

\*C2 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
1-163-131-00 s CERAMIC, CHIP 390pF 5% 50V  
  
\*C3 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
  
\*C4 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V  
1-163-253-11 s CERAMIC, CHIP 120pF 5% 50V  
  
\*C5 1-163-127-00 s CERAMIC, CHIP 270pF 5% 50V  
C7 1-130-485-00 s MYLAR 0.015uF 5% 50V  
C8 1-126-933-11 s ELECT 100uF 20% 16V  
C9 1-163-125-00 s CERAMIC, CHIP 220pF 5% 50V  
C10 1-126-964-11 s ELECT 10uF 20% 50V  
  
C11 1-128-551-11 s ELECT 22uF 20% 50V  
C12 1-163-263-11 s CERAMIC, CHIP 22pF 5% 50V  
C15 1-126-964-11 s ELECT 10uF 20% 50V  
C16 1-128-551-11 s ELECT 22uF 20% 50V  
C17 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
  
C18 1-128-551-11 s ELECT 22uF 20% 50V  
C19 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C20 1-130-498-00 s MYLAR 0.18uF 5% 50V  
C21-26 1-130-487-00 s MYLAR 0.022uF 5% 50V  
C27 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
  
C28 1-163-017-00 s CERAMIC, CHIP 0.0047uF 5% 50V  
C29 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C30 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C31 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C32 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
  
C33 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C34 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C35 1-163-139-00 s CERAMIC, CHIP 820pF 5% 50V  
C36 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C37 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
  
C38 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C39 1-124-925-11 s ELECT 2.2uF 20% 100V  
C40 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C41 1-107-498-11 s FILM, CHIP 0.0022uF 2% 50V  
C42 1-107-498-11 s FILM, CHIP 0.0022uF 2% 50V  
  
C43 1-107-499-11 s FILM, CHIP 0.0039uF 2% 16V  
C44 1-131-345-00 s TANTALUM 0.47uF 10% 35V  
C45 1-130-497-00 s MYLAR 0.15uF 5% 50V  
C46 1-124-925-11 s ELECT 2.2uF 20% 100V  
C47 1-104-553-11 s FILM, CHIP 0.015uF 5% 16V  
  
C48 1-130-499-00 s MYLAR 0.22uF 5% 50V  
C49 1-164-344-11 s CERAMIC, CHIP 0.08uF 10% 25V  
C50 1-104-560-11 s FILM, CHIP 0.056uF 5% 16V  
C51 1-124-925-11 s ELECT 2.2uF 20% 100V  
C52 1-107-553-11 s FILM, CHIP 0.0056uF 2% 16V  
  
C53 1-104-551-11 s FILM, CHIP 0.01uF 5% 16V

## (AP-31B BOARD (for UVW-1400, NTSIC))

Ref. No.  
or Q'ty Part No. SP Description

C54 1-130-478-00 s MYLAR 0.0039uF 5% 50V  
C55 1-130-478-00 s MYLAR 0.0039uF 5% 50V  
C56 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C57 1-126-947-11 s ELECT 47uF 20% 35V  
C58 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V  
  
C59 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C60 1-126-964-11 s ELECT 10uF 20% 50V  
C61 1-126-964-11 s ELECT 10uF 20% 50V  
C62 1-126-926-11 s ELECT 1000uF 20% 10V  
C63 1-126-926-11 s ELECT 1000uF 20% 10V  
  
C64 1-126-926-11 s ELECT 1000uF 20% 10V  
C65 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C66 1-126-926-11 s ELECT 1000uF 20% 10V  
C67 1-126-947-11 s ELECT 47uF 20% 35V  
C68 1-124-903-11 s ELECT 1uF 20% 50V  
  
C69 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C70 1-126-947-11 s ELECT 47uF 20% 35V  
C71 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C72 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C73 1-130-491-00 s MYLAR 0.047uF 5% 50V  
  
C74 1-130-491-00 s MYLAR 0.047uF 5% 50V  
C75 1-130-491-00 s MYLAR 0.047uF 5% 50V  
C76 1-130-491-00 s MYLAR 0.047uF 5% 50V  
C77 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C78 1-126-964-11 s ELECT 10uF 20% 50V  
  
C79 1-126-964-11 s ELECT 10uF 20% 50V  
C80 1-126-964-11 s ELECT 10uF 20% 50V  
C81 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C82 1-126-926-11 s ELECT 1000uF 20% 10V  
C83 1-126-926-11 s ELECT 1000uF 20% 10V  
  
C84 1-124-925-11 s ELECT 2.2uF 20% 100V  
C85 1-131-352-00 s TANTALUM 6.8uF 10% 35V  
C87 1-126-964-11 s ELECT 10uF 20% 50V  
C88 1-126-964-11 s ELECT 10uF 20% 50V  
\*C202 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
  
1-163-131-00 s CERAMIC, CHIP 390pF 5% 50V \*9  
  
\*C203 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V \*38  
1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V \*39  
  
\*C204 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V \*38  
1-163-253-11 s CERAMIC, CHIP 120pF 5% 50V \*39  
  
\*C206 1-163-127-00 s CERAMIC, CHIP 270pF 5% 50V \*8  
C207 1-130-485-00 s MYLAR 0.015uF 5% 50V  
C208 1-126-933-11 s ELECT 100uF 20% 16V  
C209 1-163-125-00 s CERAMIC, CHIP 220pF 5% 50V  
C210 1-126-964-11 s ELECT 10uF 20% 50V  
  
C211 1-128-551-11 s ELECT 22uF 20% 50V  
C212 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V  
C215 1-126-964-11 s ELECT 10uF 20% 50V  
C216 1-128-551-11 s ELECT 22uF 20% 50V  
C217 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
  
C218 1-128-551-11 s ELECT 22uF 20% 50V  
C219 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C220 1-130-498-00 s MYLAR 0.18uF 5% 50V  
C221-226 1-130-487-00 s MYLAR 0.022uF 5% 50V  
C227 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
  
C228 1-163-017-00 s CERAMIC, CHIP 0.0047uF 5% 50V  
C229 1-130-483-00 s MYLAR 0.01uF 5% 50V

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C230                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C231                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C232                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C233                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C234                | 1-130-483-00 | s MYLAR 0.01uF 5K 50V           |
| C235                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5K 50V    |
| C236                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| C237                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C238                | 1-107-498-11 | s FILM, CHIP 0.0022uF 2K 50V    |
| C239                | 1-107-498-11 | s FILM, CHIP 0.0022uF 2K 50V    |
| C240                | 1-107-499-11 | s FILM, CHIP 0.0039uF 2K 16V    |
| C241                | 1-131-345-00 | s TANTALUM 0.47uF 10K 35V       |
| C242                | 1-130-497-00 | s MYLAR 0.15uF 5K 50V           |
| C243                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C244                | 1-104-553-11 | s FILM, CHIP 0.015uF 5K 16V     |
| C245                | 1-130-499-00 | s MYLAR 0.22uF 5K 50V           |
| C246                | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10K 25V |
| C247                | 1-104-560-11 | s FILM, CHIP 0.056uF 5K 16V     |
| C248                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C249                | 1-107-553-11 | s FILM, CHIP 0.0056uF 2K 16V    |
| C250                | 1-104-551-11 | s FILM, CHIP 0.01uF 5K 16V      |
| C251                | 1-130-478-00 | s MYLAR 0.0039uF 5K 50V         |
| C252                | 1-130-478-00 | s MYLAR 0.0039uF 5K 50V         |
| C253                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
| C254                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C255                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5K 50V    |
| C256                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5K 50V     |
| C257                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C258                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C259                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C260                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C261                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C262                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C263                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C264                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C265                | 1-124-903-11 | s ELECT 1uF 20K 50V             |
| C266                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
| C267                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C268                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5K 50V     |
| C269                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10K 25V |
| C270                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C271                | 1-131-352-00 | s TANTALUM 8.6uF 10K 35V        |
| *C272               | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C273                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C279                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C280                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C281                | 1-130-483-00 | s MYLAR 0.01uF 5K 50V           |
| C282                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C283                | 1-126-926-11 | s ELECT 1000uF 20K 10V          |
| C401                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C402                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C403                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |
| C404                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C405                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C406                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C408                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C409                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5K 50V     |
| C410                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C411                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C412                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C413                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C414                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C415                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C416                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C417                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C418                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C419                | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C420                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C421                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C422                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C423                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C424                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C425                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C426                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C427                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C428                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |
| C429                | 1-161-021-11 | s CERAMIC, CHIP 0.047uF 10K 25V |
| C430                | 1-161-021-11 | s CERAMIC, CHIP 0.047uF 10K 25V |
| C500                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| *C501               | 1-102-114-00 | s CERAMIC 470pF 10K 50V         |
|                     | 1-163-133-00 | s CERAMIC, CHIP 470pF 5K 50V    |
| C600                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10K 25V |
| C601                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10K 25V |
| CN1                 | 1-506-468-11 | s CONNECTOR 3P, MALE            |
| CN2                 | 1-506-468-11 | s CONNECTOR 3P, MALE            |
| CN3                 | 1-564-002-11 | s CONNECTOR 3P, MALE            |
| CN111               | 1-573-600-21 | s CONNECTOR, FHCC 100P, MALE    |
| D1                  | 8-719-941-23 | s DIODE DA204U                  |
| D2                  | 8-719-941-23 | s DIODE DA204U                  |
| D3                  | 8-719-941-23 | s DIODE DA204U                  |
| D5                  | 8-719-941-23 | s DIODE DA204U                  |
| D6                  | 8-719-123-85 | s DIODE 1SS304                  |
| D7                  | 8-719-941-23 | s DIODE DA204U                  |
| D8                  | 8-719-123-85 | s DIODE 1SS304                  |
| D10                 | 8-719-123-85 | s DIODE 1SS304                  |
| D11                 | 8-719-123-85 | s DIODE 1SS304                  |
| D12                 | 8-719-123-85 | s DIODE 1SS304                  |
| D13                 | 8-719-123-85 | s DIODE 1SS304                  |
| D15                 | 8-719-123-85 | s DIODE 1SS304                  |
| D16                 | 8-719-123-85 | s DIODE 1SS304                  |
| D17                 | 8-719-941-23 | s DIODE DA204U                  |
| D18                 | 8-719-911-19 | s DIODE 1SS119                  |
| D201                | 8-719-941-23 | s DIODE DA204U                  |
| D202                | 8-719-941-23 | s DIODE DA204U                  |
| D203                | 8-719-941-23 | s DIODE DA204U                  |
| D204                | 8-719-941-23 | s DIODE DA204U                  |
| D205                | 8-719-123-85 | s DIODE 1SS304                  |
| D206                | 8-719-941-23 | s DIODE DA204U                  |
| D207                | 8-719-123-85 | s DIODE 1SS304                  |
| D209                | 8-719-123-85 | s DIODE 1SS304                  |
| D210                | 8-719-941-23 | s DIODE DA204U                  |
| D211                | 8-719-911-19 | s DIODE 1SS119                  |
| D401                | 8-719-941-23 | s DIODE DA204U                  |
| D403                | 8-719-941-23 | s DIODE DA204U                  |
| *D500               | 8-719-110-41 | s DIODE R015ES-B2               |
|                     | 8-719-106-88 | s DIODE R015M-B1                |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| IC1-7               | 8-759-701-25   | IC NJM20680-D              |
| IC8                 | 8-752-018-80   | IC CX20188                 |
| IC9                 | 8-759-705-58   | IC NJM45580-D              |
| IC10                | 8-759-705-58   | IC NJM45580-D              |
| IC11                | 8-759-145-57   | IC UPC4557C                |
| IC12                | 8-759-917-18   | IC SN74HC04AN              |
| IC13                | 8-759-917-18   | IC SN74HC04AN              |
| IC14                | 8-759-145-57   | IC UPC4557C                |
| IC15                | 8-759-705-58   | IC NJM45580-D              |
| IC201               | 8-759-701-25   | IC NJM20680-D              |
| IC202               | 8-759-701-25   | IC NJM20680-D              |
| IC203               | 8-759-701-25   | IC NJM20680-D              |
| IC204               | 8-759-701-25   | IC NJM20680-D              |
| IC205               | 8-759-705-58   | IC NJM45580-D              |
| IC206               | 8-759-705-58   | IC NJM45580-D              |
| IC207               | 8-759-705-58   | IC NJM45580-D              |
| IC208               | 8-759-705-58   | IC NJM45580-D              |
| IC209               | 8-759-705-58   | IC NJM45580-D              |
| IC210               | 8-759-145-57   | IC UPC4557C                |
| IC211               | 8-759-705-58   | IC NJM45580-D              |
| IC401               | 8-759-701-25   | IC NJM20680-D              |
| IC402               | 8-759-729-03   | IC NJM2903D                |
| IC405               | 8-759-172-41   | IC L78M09T-TL              |
| IC406               | 8-759-173-37   | IC L79M09T-TL              |
| IC407               | 8-759-635-83   | IC MS19578FP               |
| IC408               | 8-759-172-41   | IC L78M09T-TL              |
| IC409               | 8-759-173-37   | IC L79M09T-TL              |
| IC410               | 8-759-701-25   | IC NJM20680-D              |
| *JW61               | 1-217-666-11   | s RES 0                    |
| *L1                 | 1-410-068-11   | s INDUCTOR 5.6mH           |
| L2                  | 1-408-617-31   | s INDUCTOR 150uH           |
| *L201               | 1-410-068-11   | s INDUCTOR 5.6mH           |
| L202                | 1-408-617-31   | s INDUCTOR 150uH           |
| L401                | 1-410-470-11   | s INDUCTOR 10uH            |
| L402                | 1-410-470-11   | s INDUCTOR 10uH            |
| PS1                 | △ 1-532-727-11 | s LINK, IC 0.25A           |
| PS2                 | △ 1-532-727-11 | s LINK, IC 0.25A           |
| Q1                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q2                  | 8-729-803-89   | s TRANSISTOR 2SC3332-T     |
| Q3                  | 8-729-803-89   | s TRANSISTOR 2SC3332-T     |
| Q4                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q5                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q6                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q7                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q8                  | 8-729-140-93   | s TRANSISTOR 2SA1611-MSM6  |
| Q9                  | 8-729-109-44   | s TRANSISTOR 2SK694        |
| Q10                 | 8-729-203-30   | s TRANSISTOR 2SJ106Y       |
| Q11                 | 8-729-905-18   | s TRANSISTOR DTC144EU      |
| Q12                 | 8-729-905-12   | s TRANSISTOR DTA144EU      |
| Q13                 | 8-729-422-44   | s TRANSISTOR 2SK663        |
| Q14                 | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q15                 | 8-729-209-06   | s TRANSISTOR 2SC4213-A     |
| Q16                 | 8-729-140-63   | s TRANSISTOR 2SA1611-MSM6  |
| Q17                 | 8-729-422-44   | s TRANSISTOR 2SK663        |
| Q18                 | 8-729-423-93   | s TRANSISTOR 2SD2136-R(TA) |
| Q19                 | 8-729-022-00   | s TRANSISTOR 2SB1416-R(TA) |
| Q20                 | 8-729-021-98   | s TRANSISTOR 2SJ226-AZ     |

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q21                 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| Q22                 | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q23                 | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| Q25                 | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| Q26                 | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q27                 | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q28                 | 8-729-804-09 | s TRANSISTOR 2SA1319-T        |
| Q29                 | 8-729-804-09 | s TRANSISTOR 2SA1319-T        |
| Q30                 | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| Q34                 | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| Q35                 | 8-729-905-12 | s TRANSISTOR DTA144EU         |
| Q36                 | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q201                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q202                | 8-729-803-89 | s TRANSISTOR 2SC3332-T        |
| Q203                | 8-729-803-89 | s TRANSISTOR 2SC3332-T        |
| Q204                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q205                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q206                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q207                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q208                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6     |
| Q209                | 8-729-109-44 | s TRANSISTOR 2SK694           |
| Q210                | 8-729-203-30 | s TRANSISTOR 2SJ106Y          |
| Q211                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q212                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q213                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q214                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6     |
| Q215                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q216                | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA)    |
| Q217                | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA)    |
| Q218                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| *Q219               | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| *Q220               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| *Q221               | 8-729-117-32 | s TRANSISTOR 2SC4177          |
| *Q223               | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| *Q224               | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| Q225                | 8-729-905-12 | s TRANSISTOR DTA144EU         |
| Q226                | 8-729-422-44 | s TRANSISTOR 2SK663           |
| Q401                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q402                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q403                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| R1                  | 1-216-603-11 | s METAL, CHIP 10 0.5K 1/10W   |
| R2                  | 1-216-049-91 | s METAL, CHIP 1k 5K 1/10W     |
| *R3                 | 1-216-057-00 | s METAL, CHIP 2.2k 5K 1/10W   |
|                     | 1-216-051-00 | s METAL, CHIP 1.2k 5K 1/10W   |
| *R4                 | 1-216-057-00 | s METAL, CHIP 2.2k 5K 1/10W   |
|                     | 1-216-051-00 | s METAL, CHIP 1.2k 5K 1/10W   |
| R5                  | 1-216-097-91 | s METAL, CHIP 100k 5K 1/10W   |
| *R6                 | 1-216-097-00 | s METAL, CHIP 100k 5K 1/10W   |
| R8                  | 1-216-105-91 | s METAL, CHIP 220k 5K 1/10W   |
| R9                  | 1-216-626-11 | s METAL, CHIP 91 0.5K 1/10W   |
| R10                 | 1-216-651-11 | s METAL, CHIP 1k 0.5K 1/10W   |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5K 1/10W    |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5K 1/10W    |
| R13                 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5K 1/10W |
| R14                 | 1-216-049-91 | s METAL, CHIP 1k 5K 1/10W     |
| R16                 | 1-216-009-00 | s METAL, CHIP 22 5K 1/10W     |
| R17                 | 1-216-073-00 | s METAL, CHIP 10k 5K 1/10W    |
| R19-23              | 1-216-073-00 | s METAL, CHIP 10k 5K 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31B BOARD(for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R24                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R27                 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R28                 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R30                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R31                 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R32                 | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W  |
| R33                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R34                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R35                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R36                 | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R37                 | 1-215-473-00 | s METAL, 150k 1% 1/6W         |
| R38                 | 1-215-484-00 | s METAL, 430k 1% 1/6W         |
| R39                 | 1-215-484-00 | s METAL, 430k 1% 1/6W         |
| R40                 | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R41                 | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R42                 | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R43                 | 1-215-485-00 | s METAL, CHIP 470k 1% 1/6W    |
| R44                 | 1-215-493-00 | s METAL, 1M 1% 1/6W           |
| R45                 | 1-215-464-00 | s METAL, 62k 1% 1/6W          |
| R46                 | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R47                 | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R48                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R49                 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R50                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R51                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R52                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R53                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R54                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R56                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R57                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R58                 | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R59                 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R60                 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R61                 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R62                 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R63                 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R64                 | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R65                 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W  |
| R66                 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R67                 | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R68                 | 1-215-493-00 | s METAL, 1M 1% 1/6W           |
| R69                 | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R70                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R71                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R72                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R73                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R74                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R75                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R76                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R77                 | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R78                 | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R79                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R80                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R81                 | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R82                 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R83                 | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R84                 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |

## (AP-31B BOARD(for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R85                 | 1-216-645-11   | s METAL, CHIP 560 0.5% 1/10W  |
| R86                 | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R87                 | 1-208-814-11   | s METAL, CHIP 22k 0.5% 1/10W  |
| R88                 | 1-208-803-11   | s METAL, CHIP 7.5k 0.5% 1/10W |
| R89                 | 1-216-045-00   | s METAL, CHIP 680 5% 1/10W    |
| R90                 | 1-216-674-11   | s METAL, CHIP 9.1k 0.5% 1/10W |
| R91                 | 1-208-812-11   | s METAL, CHIP 18k 0.5% 1/10W  |
| R92                 | 1-216-657-11   | s METAL, CHIP 1.8k 0.5% 1/10W |
| R93                 | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R94                 | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R95                 | 1-208-822-11   | s METAL, CHIP 47k 0.5% 1/10W  |
| R96                 | 1-208-814-11   | s METAL, CHIP 18k 0.5% 1/10W  |
| R97                 | 1-216-659-11   | s METAL, CHIP 2.2k 0.5% 1/10W |
| R98                 | 1-216-659-11   | s METAL, CHIP 2.2k 0.5% 1/10W |
| R99                 | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R100                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W   |
| R101                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R102                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R103                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R104                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R105                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R106                | 1-216-069-00   | s METAL, CHIP 22k 0.5% 1/10W  |
| R107                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R108                | 1-208-799-11   | s METAL, CHIP 5.1k 0.5% 1/10W |
| R109                | 1-216-663-11   | s METAL, CHIP 3.3k 0.5% 1/10W |
| R110                | 1-216-650-11   | s METAL, CHIP 910 0.5% 1/10W  |
| R111                | 1-216-663-11   | s METAL, CHIP 3.3k 0.5% 1/10W |
| R112                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R113                | 1-216-667-11   | s METAL, CHIP 4.7k 0.5% 1/10W |
| R114                | 1-216-033-00   | s METAL, CHIP 220 5% 1/10W    |
| R115                | 1-216-067-00   | s METAL, CHIP 5.6k 5% 1/10W   |
| R116                | 1-216-067-00   | s METAL, CHIP 5.6k 5% 1/10W   |
| R117                | 1-208-810-11   | s METAL, CHIP 15k 0.5% 1/10W  |
| R118                | 1-247-807-31   | s CARBON 100 5% 1/4W          |
| R119                | △ 1-216-399-00 | s WIREWOUND 6.8 10% 3W        |
| R120                | △ 1-216-399-00 | s WIREWOUND 6.8 10% 3W        |
| R121                | 1-247-807-31   | s CARBON 100 5% 1/4W          |
| R122                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R123                | 1-249-389-11   | s CARBON 4.7 5% 1/4W          |
| R124                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R125                | 1-216-057-00   | s METAL, CHIP 2.2k 5% 1/10W   |
| R126                | 1-216-075-00   | s METAL, CHIP 12k 5% 1/10W    |
| R127                | 1-216-081-00   | s METAL, CHIP 22k 5% 1/10W    |
| R128                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R129                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-033-00   | s METAL, CHIP 220 5% 1/10W    |
| R131                | 1-216-065-00   | s METAL, CHIP 4.7k 5% 1/10W   |
| R132                | 1-216-081-00   | s METAL, CHIP 22k 5% 1/10W    |
| R133                | 1-216-095-00   | s METAL, CHIP 82k 5% 1/10W    |
| R134                | 1-216-676-11   | s METAL, CHIP 11k 0.5% 1/10W  |
| R135                | 1-216-057-00   | s METAL, CHIP 2.2k 5% 1/10W   |
| R136                | 1-216-678-11   | s METAL, CHIP 13k 0.5% 1/10W  |
| R137                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R138                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R139                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |
| R141                | 1-216-684-91   | s METAL, CHIP 24k 0.5% 1/10W  |
| R142                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W    |
| R143                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R144                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R145-154            | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R155                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R156                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R157                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R158                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R159                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R160                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R161                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R162                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R163                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R164                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R165                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R167                | 1-216-295-91 s | RES, CHIP 0                 |
| R168                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R169                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R171                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R172                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R173                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R174                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R175                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R176                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R177                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R178                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R179                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R180                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R181                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R182                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R183                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R184                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R186                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R187                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R188                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| *R189               | 1-216-295-91 s | RES, CHIP 0                 |
| *R190               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R201                | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W   |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| *R203               | 1-216-037-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| *R204               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R205                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| *R206               | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W   |
| R208                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W   |
| R209                | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W   |
| R210                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R211                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R212                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R213                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R214                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R216                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W     |
| R217                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R219-223            | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R224                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R225                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R226                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R227                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R228                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R230                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R231                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R232                | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W  |
| R233                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R234                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R235                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R236                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R237                | 1-215-473-00 s | METAL, CHIP 150k 1% 1/6W    |
| R238                | 1-215-471-00 s | METAL, CHIP 120k 1% 1/6W    |
| R239                | 1-215-479-00 s | METAL, CHIP 270k 1% 1/6W    |
| R240                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R241                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R242                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R243                | 1-215-479-00 s | METAL, CHIP 270k 1% 1/6W    |
| R244                | 1-215-467-00 s | METAL, CHIP 82k 1% 1/6W     |
| R245                | 1-215-453-00 s | METAL, CHIP 22k 1% 1/6W     |
| R246                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R247                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R248                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R249                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R250                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R251                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R252                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R253                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R254                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R255                | 1-216-009-00 s | METAL, CHIP 22k 5% 1/10W    |
| R256                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R257                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R258                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W   |
| R259                | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R260                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R261                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R262                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W   |
| R263                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R264                | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W  |
| R265                | 1-216-677-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R266                | 1-208-785-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R267                | 1-215-493-00 s | METAL, CHIP 1M 1% 1/6W      |
| R268                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R269                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R270                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R271                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R272                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R273                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R274                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R275                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R276                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R277                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R278                | 1-216-677-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R279                | 1-216-645-11 s | METAL, CHIP 22k 5% 1/10W    |
| R280                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R281                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R282                | 1-208-803-11 s | METAL, CHIP 7.5k 0.5% 1/10W |
| R283                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R284                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
| R285                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R286                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R287                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.         | SP Description              |
|---------------------|------------------|-----------------------------|
| R288                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R289                | 1-208-822-11 s   | METAL, CHIP 47k 0.5% 1/10W  |
| R290                | 1-208-814-11 s   | METAL, CHIP 22k 0.5% 1/10W  |
| R291                | 1-216-659-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R292                | 1-216-659-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R293                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R294                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R295                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R296                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R297                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R298                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R299                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R300                | 1-216-069-00 s   | METAL, CHIP 6.8k 5% 1/10W   |
| R301                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R302                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R303                | 1-216-663-11 s   | METAL, CHIP 3.3k 0.5% 1/10W |
| R304                | 1-216-650-11 s   | METAL, CHIP 910 0.5% 1/10W  |
| R305                | 1-216-663-11 s   | METAL, CHIP 3.3k 0.5% 1/10W |
| R306                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R307                | 1-216-667-11 s   | METAL, CHIP 4.7k 0.5% 1/10W |
| R308                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W    |
| R309                | 1-216-067-00 s   | METAL, CHIP 5.6k 5% 1/10W   |
| R310                | 1-216-067-00 s   | METAL, CHIP 5.6k 5% 1/10W   |
| R311                | 1-208-810-11 s   | METAL, CHIP 15k 0.5% 1/10W  |
| R312                | 1-247-807-31 s   | CARBON 100 5% 1/4W          |
| R313                | △ 1-216-399-00 s | WIRESOUND 6.8 10k 3W        |
| R314                | △ 1-216-399-00 s | WIRESOUND 6.8 10k 3W        |
| R315                | 1-247-807-31 s   | CARBON 100 5% 1/4W          |
| R316                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R317                | 1-249-389-11 s   | CARBON 4.7 5% 1/4W          |
| R318                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R319                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R320                | 1-216-075-00 s   | METAL, CHIP 12k 5% 1/10W    |
| R321                | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R322                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R323                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R324                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W    |
| R325                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R326                | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R327                | 1-216-095-00 s   | METAL, CHIP 82k 5% 1/10W    |
| R328                | 1-216-676-11 s   | METAL, CHIP 11k 0.5% 1/10W  |
| R329                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R330                | 1-216-678-11 s   | METAL, CHIP 13k 0.5% 1/10W  |
| R331                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R333                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R334                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R335                | 1-216-684-81 s   | METAL, CHIP 24k 0.5% 1/10W  |
| R336                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R337                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R338                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R339                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R341                | 1-216-095-00 s   | METAL, CHIP 82k 5% 1/10W    |
| R342                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R344                | 1-216-295-91 s   | RES, CHIP 0                 |
| R345                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R346                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R347                | 1-216-085-00 s   | METAL, CHIP 33k 5% 1/10W    |
| *R350               | 1-216-295-91 s   | RES, CHIP 0                 |

## (AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |    |
|---------------------|----------------|-----------------------------|----|
| *R351               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  | *9 |
| R387                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |    |
| R400                | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W   |    |
| R402                | 1-216-295-91 s | RES, CHIP 0                 |    |
| R403                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |    |
| R404                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |    |
| R405                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |    |
| R406                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |    |
| R407                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |    |
| R408                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |    |
| R409                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |    |
| R410                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |    |
| R411                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |    |
| R412                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |    |
| R413                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W   |    |
| R414                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |    |
| R415                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |    |
| R416                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |    |
| R417                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |    |
| R418                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |    |
| R419                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |    |
| R420                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |    |
| R421                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |    |
| R422                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W   |    |
| R423                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |    |
| R424                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |    |
| R425                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |    |
| R426                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |    |
| R427                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |    |
| R428                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |    |
| *R500               | 1-215-403-00 s | METAL 180 1% 1/5W           | *8 |
|                     | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  | *9 |
| *R501               | 1-215-403-00 s | METAL 180 1% 1/5W           | *8 |
|                     | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  | *9 |
| *R502               | 1-249-417-11 s | CARBON 1k 5% 1/4W           | *8 |
|                     | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     | *9 |
| R600                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |    |
| R601                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |    |
| R602                | 1-247-855-11 s | CARBON 10k 5% 1/4W          |    |
| RV1                 | 1-241-789-11 s | RES, ADJ METAL 220k         |    |
| RV2                 | 1-241-784-11 s | RES, ADJ METAL 4.7k         |    |
| RV3                 | 1-241-783-11 s | RES, ADJ METAL 2.2k         |    |
| RV4                 | 1-241-785-11 s | RES, ADJ METAL 10k          |    |
| *RV5                | 1-241-123-11 s | RES, ADJ CARBON 47k         | *8 |
|                     | 1-241-786-11 s | RES, ADJ METAL 22k          | *9 |
| RV201               | 1-241-789-11 s | RES, ADJ METAL 220k         |    |
| RV202               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |    |
| RV203               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |    |
| RV204               | 1-241-785-11 s | RES, ADJ METAL 10k          |    |
| *RV205              | 1-241-123-11 s | RES, ADJ CARBON 47k         | *8 |
|                     | 1-241-786-11 s | RES, ADJ METAL 22k          | *9 |
| S1                  | 1-570-602-11 s | SWITCH, DIP 2-CNT           |    |
| S2                  | 1-570-602-11 s | SWITCH, DIP 2-CNT           |    |
| S201                | 1-570-602-11 s | SWITCH, DIP 2-CNT           |    |
| S202                | 1-570-602-11 s | SWITCH, DIP 2-CNT           |    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

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(AP-31B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| *TH1                | 1-800-199-00 | s THERMISTOR S-1250        |
|                     | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| *TH2                | 1-800-199-00 | s THERMISTOR S-1250        |
|                     | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |

AP-31BP BOARD (for UVW-1400P, PAL)

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

AP-31BP board is used for UVW-1400P.

|        |              |                                  |
|--------|--------------|----------------------------------|
| 1pc    | A-8275-608-A | o MOUNTED CIRCUIT BOARD, AP-31BP |
| 1pc    | 3-179-084-01 | s LEVER (R), PC BOARD            |
| 1pc    | 3-179-085-01 | s LEVER (L), PC BOARD            |
| 1pc    | 3-182-385-02 | o PLATE, SHIELD (S), CARD        |
| 1pc    | 3-655-862-00 | o SPACER, INSULATING             |
| 1pc    | 7-621-759-45 | s SCREW, +PSW2.6x5               |
| 1pc    | 3-182-298-01 | o CASE, SHIELD (LID), AP (2)     |
| 1pc    | 3-182-351-01 | o CASE, SHIELD, AP (2B)          |
| C2     | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| *C3    | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
|        | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V     |
| *C4    | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
|        | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V      |
| *C6    | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V     |
| C7     | 1-130-485-00 | s MYLAR 0.015uF 5% 50V           |
| C8     | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C9     | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V     |
| C10    | 1-126-964-11 | s ELECT 10uF 20% 50V             |
| C11    | 1-128-551-11 | s ELECT 22uF 20% 50V             |
| C12    | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V     |
| C13    | 1-130-481-00 | s MYLAR 0.0068uF 5% 50V          |
| C14    | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V  |
| C15    | 1-126-964-11 | s ELECT 10uF 20% 50V             |
| C16    | 1-128-551-11 | s ELECT 22uF 20% 50V             |
| C17    | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C18    | 1-128-551-11 | s ELECT 22uF 20% 50V             |
| C19    | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C20    | 1-130-498-00 | s MYLAR 0.18uF 5% 50V            |
| C21-26 | 1-130-487-00 | s MYLAR 0.022uF 5% 50V           |
| C27    | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C28    | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V  |
| C29    | 1-130-483-00 | s MYLAR 0.01uF 5% 50V            |
| C30    | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C31    | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C32    | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C33    | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V   |
| C34    | 1-130-483-00 | s MYLAR 0.01uF 5% 50V            |
| C35    | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V     |
| C36    | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
| C37    | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C38    | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |
| C39    | 1-124-925-11 | s ELECT 2.2uF 20% 100V           |
| C40    | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C41    | 1-107-498-11 | s FILM, CHIP 0.0022uF 2% 50V     |
| C42    | 1-107-498-11 | s FILM, CHIP 0.0022uF 2% 50V     |
| C43    | 1-107-499-11 | s FILM, CHIP 0.0039uF 2% 16V     |
| C44    | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V        |
| C45    | 1-130-497-00 | s MYLAR 0.15uF 5% 50V            |
| C46    | 1-124-925-11 | s ELECT 2.2uF 20% 100V           |
| C47    | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V      |
| C48    | 1-130-499-00 | s MYLAR 0.22uF 5% 50V            |
| C49    | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V  |
| C50    | 1-104-560-11 | s FILM, CHIP 0.056uF 5% 16V      |
| C51    | 1-124-925-11 | s ELECT 2.2uF 20% 100V           |
| C52    | 1-107-553-11 | s FILM, CHIP 0.0056uF 2% 16V     |
| C53    | 1-104-551-11 | s FILM, CHIP 0.01uF 5% 16V       |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31BP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C54                 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V         |
| C55                 | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V         |
| C56                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C57                 | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C58                 | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C59                 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C60                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C61                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C62                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C63                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C64                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C65                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C66                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C67                 | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C68                 | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C69                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C70                 | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C71                 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C72                 | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C73                 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V          |
| C74                 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V          |
| C75                 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V          |
| C76                 | 1-130-491-00 | s MYLAR 0.047uF 5% 50V          |
| C77                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C78                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C79                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C80                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C81                 | 1-130-483-00 | s MYLAR 0.01uF 5% 50V           |
| C82                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C83                 | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C84                 | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C85                 | 1-131-352-00 | s TANTALUM 6.8uF 10% 35V        |
| C87                 | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| *C88                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C202                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| *C203               | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
|                     | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| *C204               | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
|                     | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V     |
| *C206               | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V    |
| C207                | 1-130-485-00 | s MYLAR 0.015uF 5% 50V          |
| C208                | 1-126-933-11 | s ELECT 10uF 20% 16V            |
| C209                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V    |
| C210                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C211                | 1-128-551-11 | s ELECT 22uF 20% 50V            |
| C212                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C213                | 1-130-481-00 | s MYLAR 0.008uF 5% 50V          |
| C214                | 1-164-182-11 | s CERAMIC, CHIP 3300pF 10% 100V |
| C215                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C216                | 1-128-551-11 | s ELECT 22uF 20% 50V            |
| C217                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C218                | 1-128-551-11 | s ELECT 22uF 20% 50V            |
| C219                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C220                | 1-130-498-00 | s MYLAR 0.18uF 5% 50V           |
| C221-226            | 1-130-487-00 | s MYLAR 0.022uF 5% 50V          |
| C227                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C228                | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C229                | 1-130-483-00 | s MYLAR 0.01uF 5% 50V           |

## (AP-31BP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C230                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C231                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C232                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C233                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V  |
| C234                | 1-130-483-00 | s MYLAR 0.01uF 5% 50V           |
| C235                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V    |
| C236                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C237                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C238                | 1-107-498-11 | s FILM, CHIP 0.0022uF 2% 50V    |
| C239                | 1-107-498-11 | s FILM, CHIP 0.0022uF 2% 50V    |
| C240                | 1-107-499-11 | s FILM, CHIP 0.0039uF 2% 16V    |
| C241                | 1-131-345-00 | s TANTALUM 0.47uF 10% 35V       |
| C242                | 1-130-497-00 | s MYLAR 0.15uF 5% 50V           |
| C243                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C244                | 1-104-553-11 | s FILM, CHIP 0.015uF 5% 16V     |
| C245                | 1-130-499-00 | s MYLAR 0.22uF 5% 50V           |
| C246                | 1-164-344-11 | s CERAMIC, CHIP 0.068uF 10% 25V |
| C247                | 1-104-560-11 | s FILM, CHIP 0.056uF 5% 16V     |
| C248                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C249                | 1-107-553-11 | s FILM, CHIP 0.0056uF 2% 16V    |
| C250                | 1-104-551-11 | s FILM, CHIP 0.01uF 5% 16V      |
| C251                | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V         |
| C252                | 1-130-478-00 | s MYLAR 0.0039uF 5% 50V         |
| C253                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C254                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C255                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C256                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C257                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C258                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C259                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C260                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C261                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C262                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C263                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C264                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C265                | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C266                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C267                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C268                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C269                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C270                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C271                | 1-131-352-00 | s TANTALUM 6.8uF 10% 35V        |
| *C272               | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C278                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C279                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C280                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C281                | 1-130-483-00 | s MYLAR 0.01uF 5% 50V           |
| C282                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C283                | 1-126-926-11 | s ELECT 1000uF 20% 10V          |
| C401                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C402                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C403                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C404                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C405                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C406                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C408                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C409                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C410                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C411                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400P/1200/1200P



## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C412                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C413                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C414                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C415                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C416                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C417                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C418                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C419                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C420                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C421                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C422                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C423                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C424                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C425                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C426                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C427                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C428                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V |
| C429                | 1-161-021-11 | s CERAMIC 0.047uF 10% 25V       |
| C430                | 1-161-021-11 | s CERAMIC 0.047uF 10% 25V       |
| C500                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V    |
| *C501               | 1-102-114-00 | s CERAMIC 470pF 10% 50V         |
|                     | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C600                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C601                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN1                 | 1-506-468-11 | s CONNECTOR 3P, MALE            |
| CN2                 | 1-506-468-11 | s CONNECTOR 3P, MALE            |
| CN3                 | 1-564-002-11 | s CONNECTOR 3P, MALE            |
| CN111               | 1-573-600-21 | s CONNECTOR, PHC 100P, MALE     |
| D1                  | 8-719-941-23 | s DIODE DA204U                  |
| D2                  | 8-719-941-23 | s DIODE DA204U                  |
| D3                  | 8-719-941-23 | s DIODE DA204U                  |
| D5                  | 8-719-941-23 | s DIODE DA204U                  |
| D6                  | 8-719-123-85 | s DIODE ISS304                  |
| D7                  | 8-719-941-23 | s DIODE DA204U                  |
| D8                  | 8-719-123-85 | s DIODE ISS304                  |
| D10                 | 8-719-123-85 | s DIODE ISS304                  |
| D11                 | 8-719-123-85 | s DIODE ISS304                  |
| D12                 | 8-719-123-85 | s DIODE ISS304                  |
| D13                 | 8-719-123-85 | s DIODE ISS304                  |
| D15                 | 8-719-123-85 | s DIODE ISS304                  |
| D16                 | 8-719-123-85 | s DIODE ISS304                  |
| D17                 | 8-719-941-23 | s DIODE DA204U                  |
| D18                 | 8-719-911-19 | s DIODE ISS119                  |
| D201                | 8-719-941-23 | s DIODE DA204U                  |
| D202                | 8-719-941-23 | s DIODE DA204U                  |
| D203                | 8-719-941-23 | s DIODE DA204U                  |
| D204                | 8-719-941-23 | s DIODE DA204U                  |
| D205                | 8-719-123-85 | s DIODE ISS304                  |
| D206                | 8-719-941-23 | s DIODE DA204U                  |
| D207                | 8-719-123-85 | s DIODE ISS304                  |
| D209                | 8-719-123-85 | s DIODE ISS304                  |
| D210                | 8-719-941-23 | s DIODE DA204U                  |
| D211                | 8-719-911-19 | s DIODE ISS119                  |
| D401                | 8-719-941-23 | s DIODE DA204U                  |
| D403                | 8-719-941-23 | s DIODE DA204U                  |
| *D500               | 8-719-110-41 | s DIODE ED15ES-B2               |
|                     | 8-719-106-88 | s DIODE ED15M-B1                |

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| IC1                 | 8-759-701-25   | s IC NJM20680-D           |
| IC2                 | 8-759-701-25   | s IC NJM20680-D           |
| IC3                 | 8-759-701-25   | s IC NJM20680-D           |
| IC4                 | 8-759-701-25   | s IC NJM20680-D           |
| IC5                 | 8-759-705-58   | s IC NJM45580-D           |
| IC6                 | 8-759-705-58   | s IC NJM45580-D           |
| IC7                 | 8-759-705-58   | s IC NJM45580-D           |
| IC8                 | 8-752-018-80   | s IC CX20188              |
| IC9                 | 8-759-705-58   | s IC NJM45580-D           |
| IC10                | 8-759-705-58   | s IC NJM45580-D           |
| IC11                | 8-759-145-57   | s IC UP4557C              |
| IC12                | 8-759-917-18   | s IC SN74HC004AN          |
| IC13                | 8-759-917-18   | s IC SN74HC004AN          |
| IC14                | 8-759-145-57   | s IC UP4557C              |
| IC15                | 8-759-705-58   | s IC NJM45580-D           |
| IC201               | 8-759-701-25   | s IC NJM20680-D           |
| IC202               | 8-759-701-25   | s IC NJM20680-D           |
| IC203               | 8-759-701-25   | s IC NJM20680-D           |
| IC204               | 8-759-701-25   | s IC NJM20680-D           |
| IC205               | 8-759-705-58   | s IC NJM45580-D           |
| IC206               | 8-759-705-58   | s IC NJM45580-D           |
| IC207               | 8-759-705-58   | s IC NJM45580-D           |
| IC208               | 8-759-705-58   | s IC NJM45580-D           |
| IC209               | 8-759-705-58   | s IC NJM45580-D           |
| IC210               | 8-759-145-57   | s IC UP4557C              |
| IC211               | 8-759-705-58   | s IC NJM45580-D           |
| IC401               | 8-759-701-25   | s IC NJM20680-D           |
| IC402               | 8-759-729-03   | s IC NJM2903D             |
| IC405               | 8-759-172-41   | s IC L79M09T-TL           |
| IC406               | 8-759-173-37   | s IC L79M09T-TL           |
| IC407               | 8-759-635-83   | s IC M51957BFP            |
| IC408               | 8-759-172-41   | s IC L79M09T-TL           |
| IC409               | 8-759-173-37   | s IC L79M09T-TL           |
| IC410               | 8-759-701-25   | s IC NJM20680-D           |
| *JW61               | 1-217-666-11   | s RES 0                   |
| *L1                 | 1-410-068-11   | s INDUCTOR 5.6mH          |
| L2                  | 1-408-617-31   | s INDUCTOR 150uH          |
| *L201               | 1-410-068-11   | s INDUCTOR 5.6mH          |
| L202                | 1-408-617-31   | s INDUCTOR 150uH          |
| L401                | 1-410-470-11   | s INDUCTOR 10uH           |
| L402                | 1-410-470-11   | s INDUCTOR 10uH           |
| PS1                 | △ 1-532-727-11 | s LINK, IC 0.25A          |
| PS2                 | △ 1-532-727-11 | s LINK, IC 0.25A          |
| Q1                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |
| Q2                  | 8-729-803-89   | s TRANSISTOR 2SC3332-T    |
| Q3                  | 8-729-803-89   | s TRANSISTOR 2SC3332-T    |
| Q4                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |
| Q5                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |
| Q6                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |
| Q7                  | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |
| Q8                  | 8-729-140-63   | s TRANSISTOR 2SA1611-M5M6 |
| Q9                  | 8-729-109-44   | s TRANSISTOR 2SK34        |
| Q10                 | 8-729-203-30   | s TRANSISTOR 2SJ106Y      |
| Q11                 | 8-729-905-18   | s TRANSISTOR DTC144EJ     |
| Q12                 | 8-729-905-12   | s TRANSISTOR DTA144EJ     |
| Q13                 | 8-729-422-44   | s TRANSISTOR 2SK663       |
| Q14                 | 8-729-209-06   | s TRANSISTOR 2SC4213-A    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q15                 | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q16                 | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| Q17                 | 8-729-422-44 | s TRANSISTOR 2SK663         |
| Q18                 | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA)  |
| Q19                 | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA)  |
| Q20                 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ      |
| Q21                 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ      |
| Q22                 | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q23                 | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q25                 | 8-729-140-93 | s TRANSISTOR 2SB733-34      |
| Q26                 | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q27                 | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q28                 | 8-729-804-09 | s TRANSISTOR 2SA1319-T      |
| Q29                 | 8-729-804-09 | s TRANSISTOR 2SA1319-T      |
| Q30                 | 8-729-140-93 | s TRANSISTOR 2SB733-34      |
| Q34                 | 8-729-905-18 | s TRANSISTOR DTC144EU       |
| Q35                 | 8-729-905-12 | s TRANSISTOR DTA144EU       |
| Q36                 | 8-729-422-44 | s TRANSISTOR 2SK663         |
| Q201                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q202                | 8-729-803-89 | s TRANSISTOR 2SC3332-T      |
| Q203                | 8-729-803-89 | s TRANSISTOR 2SC3332-T      |
| Q204                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q205                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q206                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q207                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q208                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| Q209                | 8-729-109-44 | s TRANSISTOR 2SK94          |
| Q210                | 8-729-203-30 | s TRANSISTOR 2SJ106Y        |
| Q211                | 8-729-422-44 | s TRANSISTOR 2SK663         |
| Q212                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q213                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q214                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| Q215                | 8-729-422-44 | s TRANSISTOR 2SK663         |
| Q216                | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA)  |
| Q217                | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA)  |
| Q218                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ      |
| Q219                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ      |
| Q220                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q221                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q223                | 8-729-140-93 | s TRANSISTOR 2SB733-34      |
| Q224                | 8-729-905-18 | s TRANSISTOR DTC144EU       |
| Q225                | 8-729-905-12 | s TRANSISTOR DTA144EU       |
| Q226                | 8-729-422-44 | s TRANSISTOR 2SK663         |
| Q401                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q402                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| Q403                | 8-729-209-06 | s TRANSISTOR 2SC4213-A      |
| R1                  | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R2                  | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| *R3                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
|                     | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| *R4                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
|                     | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W |
| R5                  | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| *R6                 | 1-216-097-00 | s METAL, CHIP 100k 5% 1/10W |
| R8                  | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W |
| R9                  | 1-216-626-11 | s METAL, CHIP 91 0.5% 1/10W |
| *R10                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
|                     | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R11                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R12                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R13                 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R14                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R15                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R16                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R17                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R19-23              | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R24                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R25                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R26                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R27                 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R28                 | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R30                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R31                 | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R32                 | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W  |
| R33                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R34                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R35                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R36                 | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R37                 | 1-215-479-00 | s METAL 270k 1% 1/6W          |
| R38                 | 1-215-471-00 | s METAL 120k 1% 1/6W          |
| R39                 | 1-215-479-00 | s METAL 270k 1% 1/6W          |
| R40                 | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R41                 | 1-208-824-11 | s METAL, CHIP 56k 0.5% 1/10W  |
| R42                 | 1-216-609-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R44                 | 1-215-493-00 | s METAL 1M 1% 1/6W            |
| R45                 | 1-215-453-00 | s METAL 22k 1% 1/6W           |
| R46                 | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R47                 | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R48                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R49                 | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R50                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R51                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R52                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R53                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R54                 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R55                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R57                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R58                 | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R59                 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R60                 | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R61                 | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R62                 | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R63                 | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R64                 | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R65                 | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W  |
| R66                 | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R67                 | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R68                 | 1-215-493-00 | s METAL 1M 1% 1/6W            |
| R69                 | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R70                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R71                 | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R72                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R73                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R74                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R75                 | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.         | SP Description              |
|---------------------|------------------|-----------------------------|
| R76                 | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R77                 | 1-216-699-11 s   | METAL, CHIP 100k 0.5% 1/10W |
| R78                 | 1-208-817-11 s   | METAL, CHIP 30k 0.5% 1/10W  |
| R79                 | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R80                 | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R81                 | 1-208-810-11 s   | METAL, CHIP 15k 0.5% 1/10W  |
| R82                 | 1-216-659-11 s   | METAL, CHIP 1.2k 0.5% 1/10W |
| R83                 | 1-208-789-11 s   | METAL, CHIP 2k 0.5% 1/10W   |
| R84                 | 1-216-677-11 s   | METAL, CHIP 12k 0.5% 1/10W  |
| R85                 | 1-216-645-11 s   | METAL, CHIP 560 0.5% 1/10W  |
| R86                 | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R87                 | 1-208-814-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R88                 | 1-208-803-11 s   | METAL, CHIP 7.5k 0.5% 1/10W |
| R89                 | 1-216-045-00 s   | METAL, CHIP 680 5% 1/10W    |
| R90                 | 1-216-674-11 s   | METAL, CHIP 9.1k 0.5% 1/10W |
| R91                 | 1-208-812-11 s   | METAL, CHIP 18k 0.5% 1/10W  |
| R92                 | 1-216-657-11 s   | METAL, CHIP 1.8k 0.5% 1/10W |
| R93                 | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R94                 | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R95                 | 1-208-822-11 s   | METAL, CHIP 47k 0.5% 1/10W  |
| R96                 | 1-208-814-11 s   | METAL, CHIP 22k 0.5% 1/10W  |
| R97                 | 1-216-659-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R98                 | 1-216-659-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R99                 | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R100                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R101                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R102                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R103                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R104                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R105                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R106                | 1-216-069-00 s   | METAL, CHIP 6.8k 5% 1/10W   |
| R107                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R108                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R109                | 1-216-663-11 s   | METAL, CHIP 3.3k 0.5% 1/10W |
| R110                | 1-216-650-11 s   | METAL, CHIP 910 0.5% 1/10W  |
| R111                | 1-216-663-11 s   | METAL, CHIP 3.3k 0.5% 1/10W |
| R112                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R113                | 1-216-667-11 s   | METAL, CHIP 4.7k 0.5% 1/10W |
| R114                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W    |
| R115                | 1-216-067-00 s   | METAL, CHIP 5.6k 5% 1/10W   |
| R116                | 1-216-067-00 s   | METAL, CHIP 5.6k 5% 1/10W   |
| R117                | 1-208-810-11 s   | METAL, CHIP 15k 0.5% 1/10W  |
| R118                | 1-247-807-31 s   | CARBON 100 5% 1/4W          |
| R119                | △ 1-216-399-00 s | WIREDWOUND 6.8 10% 3W       |
| R120                | △ 1-216-399-00 s | WIREDWOUND 6.8 10% 3W       |
| R121                | 1-247-807-31 s   | CARBON 100 5% 1/4W          |
| R122                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R123                | 1-249-389-11 s   | CARBON 4.7 5% 1/4W          |
| R124                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R125                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R126                | 1-216-075-00 s   | METAL, CHIP 12k 5% 1/10W    |
| R127                | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R128                | 1-216-025-91 s   | METAL, CHIP 10k 5% 1/10W    |
| R129                | 1-216-121-91 s   | METAL, CHIP 1M 5% 1/10W     |
| R130                | 1-216-033-00 s   | METAL, CHIP 220 5% 1/10W    |
| R131                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R132                | 1-216-081-00 s   | METAL, CHIP 22k 5% 1/10W    |
| R133                | 1-216-095-00 s   | METAL, CHIP 82k 5% 1/10W    |
| R134                | 1-216-676-11 s   | METAL, CHIP 11k 0.5% 1/10W  |

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R135                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R136                | 1-216-078-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R137                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R138                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R139                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R141                | 1-216-684-91 s | METAL, CHIP 24k 0.5% 1/10W  |
| R142                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R143                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R144                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R145-154            | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R155                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R156                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R157                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R158                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R159                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R160                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R161                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R162                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R163                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R164                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R165                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R167                | 1-216-295-91 s | RES, CHIP 0                 |
| R168                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R169                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R171                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R172                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R173                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R174                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R175                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R176                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R177                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R178                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R179                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R180                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R181                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R182                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R183                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R184                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R186                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R187                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R188                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| *R189               | 1-216-295-91 s | RES, CHIP 0                 |
| *R190               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R201                | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W   |
| R202                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| *R203               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| *R204               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R205                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| *R206               | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W   |
| R208                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W   |
| R209                | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W   |
| *R210               | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
|                     | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R211                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R212                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R213                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R214                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R215                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R216                | 1-216-009-00 | METAL, CHIP 22 5% 1/10W     |
| R217                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R219-223            | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R224                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R225                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R226                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R227                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W    |
| R228                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W    |
| R230                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R231                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R232                | 1-216-642-11 | METAL, CHIP 430 0.5% 1/10W  |
| R233                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R234                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R235                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R236                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R237                | 1-215-484-00 | METAL, CHIP 430k 1% 1/6W    |
| R238                | 1-215-471-00 | METAL, CHIP 120k 1% 1/6W    |
| R239                | 1-215-484-00 | METAL, CHIP 430k 1% 1/6W    |
| R240                | 1-216-689-11 | METAL, CHIP 39k 0.5% 1/10W  |
| R241                | 1-208-824-11 | METAL, CHIP 56k 0.5% 1/10W  |
| R242                | 1-216-695-11 | METAL, CHIP 68k 0.5% 1/10W  |
| R244                | 1-215-461-00 | METAL, CHIP 47k 1% 1/6W     |
| R245                | 1-215-466-00 | METAL, CHIP 75k 1% 1/6W     |
| R246                | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R247                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R248                | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W    |
| R249                | 1-216-071-00 | METAL, CHIP 8.2k 5% 1/10W   |
| R250                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R251                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R252                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R253                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R254                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R255                | 1-216-009-00 | METAL, CHIP 22 5% 1/10W     |
| R256                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R257                | 1-208-774-11 | METAL, CHIP 470 5% 1/10W    |
| R258                | 1-216-622-11 | METAL, CHIP 62 0.5% 1/10W   |
| R259                | 1-216-678-11 | METAL, CHIP 13k 0.5% 1/10W  |
| R260                | 1-216-673-11 | METAL, CHIP 8.2k 0.5% 1/10W |
| R261                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R262                | 1-216-622-11 | METAL, CHIP 62 0.5% 1/10W   |
| R263                | 1-208-784-11 | METAL, CHIP 1.2k 0.5% 1/10W |
| R264                | 1-216-676-11 | METAL, CHIP 11k 0.5% 1/10W  |
| R265                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R266                | 1-208-785-11 | METAL, CHIP 1.3k 0.5% 1/10W |
| R267                | 1-215-493-00 | METAL 1M 1% 1/6W            |
| R268                | 1-216-666-11 | METAL, CHIP 4.3k 0.5% 1/10W |
| R269                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R270                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R271                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R272                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R273                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R274                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R275                | 1-208-810-11 | METAL, CHIP 15k 0.5% 1/10W  |
| R276                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R277                | 1-208-789-11 | METAL, CHIP 2k 0.5% 1/10W   |
| R278                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R279                | 1-216-645-11 | METAL, CHIP 560 0.5% 1/10W  |
| R280                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R281                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R282                | 1-208-806-11 | METAL, CHIP 7.5k 0.5% 1/10W |
| R283                | 1-216-045-00 | METAL, CHIP 680 5% 1/10W    |
| R284                | 1-216-674-11 | METAL, CHIP 9.1k 0.5% 1/10W |
| R285                | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R286                | 1-216-657-11 | METAL, CHIP 1.8k 0.5% 1/10W |
| R287                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R288                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R289                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R290                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R291                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R292                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R293                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R294                | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W   |
| R295                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R296                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R297                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R298                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R299                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R300                | 1-216-069-00 | METAL, CHIP 6.8k 5% 1/10W   |
| R301                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R302                | 1-208-799-11 | METAL, CHIP 5.1k 0.5% 1/10W |
| R303                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W |
| R304                | 1-216-650-11 | METAL, CHIP 910 0.5% 1/10W  |
| R305                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W |
| R306                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R307                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W |
| R308                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R309                | 1-216-067-00 | METAL, CHIP 5.6k 5% 1/10W   |
| R310                | 1-216-067-00 | METAL, CHIP 5.6k 5% 1/10W   |
| R311                | 1-208-810-11 | METAL, CHIP 15k 0.5% 1/10W  |
| R312                | 1-247-807-31 | CARBON 100 5% 1/4W          |
| R313                | 1-216-399-00 | WIREWOUND 6.8 10% 3W        |
| R314                | 1-216-399-00 | WIREWOUND 6.8 10% 3W        |
| R315                | 1-247-807-31 | CARBON 100 5% 1/4W          |
| R316                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R317                | 1-249-389-11 | CARBON 4.7 5% 1/4W          |
| R318                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R319                | 1-216-057-00 | METAL, CHIP 2.2k 5% 1/10W   |
| R320                | 1-216-075-00 | METAL, CHIP 12k 5% 1/10W    |
| R321                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R322                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R323                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R324                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R325                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R326                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R327                | 1-216-095-00 | METAL, CHIP 82k 5% 1/10W    |
| R328                | 1-216-676-11 | METAL, CHIP 11k 0.5% 1/10W  |
| R329                | 1-216-057-00 | METAL, CHIP 2.2k 5% 1/10W   |
| R330                | 1-216-678-11 | METAL, CHIP 13k 0.5% 1/10W  |
| R331                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R333                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R334                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R335                | 1-216-684-91 | METAL, CHIP 24k 0.5% 1/10W  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R336                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R337                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R338                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R339                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R341                | 1-216-085-00 s | METAL, CHIP 82k 5% 1/10W    |
| R342                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R344                | 1-216-295-91 s | RES, CHIP 0                 |
| R345                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R346                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R347                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| *R350               | 1-216-295-91 s | RES, CHIP 0                 |
| *R351               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R387                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R400                | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W   |
| R402                | 1-216-295-91 s | RES, CHIP 0                 |
| R403                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R404                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R405                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R406                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R407                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R408                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R409                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R410                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R411                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R412                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R413                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W   |
| R414                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R415                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R416                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R417                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R418                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R419                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R420                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R421                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R422                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W   |
| R423                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R424                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R425                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R426                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R427                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R428                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| *R500               | 1-215-403-00 s | METAL 180 1% 1/6W           |
|                     | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| *R501               | 1-215-403-00 s | METAL 180 1% 1/6W           |
|                     | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| *R502               | 1-249-417-11 s | CARBON 1k 5% 1/4W           |
|                     | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R600                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R601                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R602                | 1-247-855-11 s | CARBON 10k 5% 1/4W          |
| RV1                 | 1-241-789-11 s | RES, ADJ METAL 220k         |
| *RV2                | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
|                     | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV3                 | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV4                 | 1-241-785-11 s | RES, ADJ METAL 10k          |
| *RV5                | 1-241-123-11 s | RES, ADJ CARBON 47k         |
|                     | 1-241-786-11 s | RES, ADJ METAL 22k          |

## (AP-31BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description           |     |
|---------------------|----------------|--------------------------|-----|
| RV201               | 1-241-789-11 s | RES, ADJ METAL 220k      |     |
| *RV202              | 1-241-784-11 s | RES, ADJ METAL 4.7k      | *16 |
|                     | 1-241-783-11 s | RES, ADJ METAL 2.2k      | *17 |
| RV203               | 1-241-783-11 s | RES, ADJ METAL 2.2k      |     |
| RV204               | 1-241-785-11 s | RES, ADJ METAL 10k       |     |
| *RV205              | 1-241-123-11 s | RES, ADJ CARBON 47k      | *8  |
|                     | 1-241-786-11 s | RES, ADJ METAL 22k       | *9  |
| S1                  | 1-570-602-11 s | SWITCH, DIP 2-CKT        |     |
| S2                  | 1-570-602-11 s | SWITCH, DIP 2-CKT        |     |
| S201                | 1-570-602-11 s | SWITCH, DIP 2-CKT        |     |
| S202                | 1-570-602-11 s | SWITCH, DIP 2-CKT        |     |
| *TH1                | 1-800-199-00 s | THERMISTOR S-1250        | *8  |
|                     | 1-807-972-11 s | THERMISTOR SV-1715 1.25k | *9  |
| *TH2                | 1-800-199-00 s | THERMISTOR S-1250        | *8  |
|                     | 1-807-972-11 s | THERMISTOR SV-1715 1.25k | *9  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## AP-34 BOARD (for UVW-1200, NTSC)

Ref. No.  
or Q'ty Part No. SP Description

AP-34 board is used for UVW-1200.

1pc A-8275-568-A o MOUNTED CIRCUIT BOARD, AP-34  
1pc 7-682-903-21 s SCREW, PWH 3x8

C1 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C2 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C3 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C4 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C5-12 1-126-933-11 s ELECT 100uF 20% 16V  
  
C13 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C14 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C15 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C16 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V  
C17 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
  
C18 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C19 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C20 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C101 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C102 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
  
C103 1-126-933-11 s ELECT 100uF 20% 16V  
C104 1-126-933-11 s ELECT 100uF 20% 16V  
C106 1-126-933-11 s ELECT 100uF 20% 16V  
C107 1-126-933-11 s ELECT 100uF 20% 16V  
C108 1-126-933-11 s ELECT 100uF 20% 16V  
  
C109 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C110 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C111 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C112 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C113 1-126-933-11 s ELECT 100uF 20% 16V  
  
C114 1-126-933-11 s ELECT 100uF 20% 16V  
C115 1-163-989-11 s CERAMIC, CHIP 0.033uF 10% 25V  
C116 1-163-989-11 s CERAMIC, CHIP 0.033uF 10% 25V  
C117 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C118 1-126-933-11 s ELECT 100uF 20% 16V  
  
C119 1-126-964-11 s ELECT 10uF 20% 50V  
C120 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C121 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C122 1-126-933-11 s ELECT 100uF 20% 16V  
C123 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
  
C124 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C125 1-126-933-11 s ELECT 100uF 20% 16V  
C126 1-126-933-11 s ELECT 100uF 20% 16V  
C127 1-126-964-11 s ELECT 10uF 20% 50V  
C128 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V  
  
C129 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C130 1-126-933-11 s ELECT 100uF 20% 16V  
C131 1-126-964-11 s ELECT 10uF 20% 50V  
C132 1-163-989-11 s CERAMIC, CHIP 0.033uF 10% 25V  
C133 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V  
  
C135 1-163-125-00 s CERAMIC, CHIP 220pF 5% 50V  
C201 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
C202 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C203 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V  
C204 1-163-127-00 s CERAMIC, CHIP 270pF 5% 50V  
  
C205 1-130-485-00 s MYLAR 0.015uF 5% 50V  
C206 1-126-933-11 s ELECT 100uF 20% 16V  
C207 1-163-125-00 s CERAMIC, CHIP 220pF 5% 50V  
C208 1-126-964-11 s ELECT 10uF 20% 50V  
C211 1-126-964-11 s ELECT 10uF 20% 50V

## (AP-34 BOARD (for UVW-1200, NTSC))

Ref. No.  
or Q'ty Part No. SP Description

C212 1-128-551-11 s ELECT 22uF 20% 50V  
C213 1-128-551-11 s ELECT 22uF 20% 50V  
C214 1-130-498-00 s MYLAR 0.18uF 5% 50V  
C215 1-126-964-11 s ELECT 10uF 20% 50V  
C216-221 1-130-487-00 s MYLAR 0.022uF 5% 50V  
  
C222 1-126-964-11 s ELECT 10uF 20% 50V  
C223 1-126-964-11 s ELECT 10uF 20% 50V  
C224 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C225 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C226 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
  
C227 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C228 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C229 1-163-275-11 s CERAMIC, CHIP 0.001uF 5% 50V  
C230 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C231 1-163-139-00 s CERAMIC, CHIP 820pF 5% 50V  
  
C232 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C233 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C234 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C235 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V  
C236 1-124-925-11 s ELECT 2.2uF 20% 100V  
  
C237 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C238 1-107-498-11 s FILM, CHIP 0.0022uF 2% 50V  
C239 1-107-498-11 s FILM, CHIP 0.0022uF 2% 50V  
C240 1-107-498-11 s FILM, CHIP 0.0039uF 2% 16V  
C241 1-131-345-00 s TANTALUM 0.47uF 10% 35V  
  
C242 1-130-497-00 s MYLAR 0.15uF 5% 50V  
C243 1-124-925-11 s ELECT 2.2uF 20% 100V  
C244 1-104-553-11 s FILM, CHIP 0.015uF 5% 16V  
C245 1-130-499-00 s MYLAR 0.22uF 5% 50V  
C246 1-164-344-11 s CERAMIC, CHIP 0.068uF 10% 25V  
  
C247 1-104-560-11 s FILM, CHIP 0.005uF 5% 16V  
C248 1-124-925-11 s ELECT 2.2uF 20% 100V  
C249 1-107-553-11 s FILM, CHIP 0.0056uF 2% 16V  
C250 1-104-551-11 s FILM, CHIP 0.01uF 5% 16V  
C251 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
  
C252 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C253 1-126-947-11 s ELECT 47uF 20% 35V  
C254 1-126-947-11 s ELECT 47uF 20% 35V  
C255 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V  
C256 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
  
C257 1-126-964-11 s ELECT 10uF 20% 50V  
C258 1-126-964-11 s ELECT 10uF 20% 50V  
C259 1-126-926-11 s ELECT 1000uF 20% 10V  
C260 1-126-926-11 s ELECT 1000uF 20% 10V  
C261 1-126-926-11 s ELECT 1000uF 20% 10V  
  
C262 1-126-926-11 s ELECT 1000uF 20% 10V  
C263 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
C264 1-126-926-11 s ELECT 1000uF 20% 10V  
C265 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
C266 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
  
C267 1-126-926-11 s ELECT 1000uF 20% 10V  
C268 1-126-964-11 s ELECT 10uF 20% 50V  
C401 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
C402 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V  
C403 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V  
  
C404 1-163-127-00 s CERAMIC, CHIP 270pF 5% 50V  
C405 1-130-485-00 s MYLAR 0.015uF 5% 50V  
C406 1-126-933-11 s ELECT 100uF 20% 16V  
C407 1-163-125-00 s CERAMIC, CHIP 220pF 5% 50V

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C408                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C411                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C412                | 1-128-551-11 s | ELECT 22uF 20% 50V            |
| C413                | 1-128-551-11 s | ELECT 22uF 20% 50V            |
| C414                | 1-130-498-00 s | MYLAR 0.18uF 5% 50V           |
| C415                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C416-421            | 1-130-487-00 s | MYLAR 0.022uF 5% 50V          |
| C422                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C423                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C424                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C425                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C426                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C427                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C428                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C429                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C430                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C431                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V    |
| C432                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C433                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C434                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C435                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C436                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C437                | 1-107-499-11 s | FILM, CHIP 0.0039uF 2% 16V    |
| C438                | 1-131-345-00 s | TANTALUM 0.47uF 10% 35V       |
| C439                | 1-130-497-00 s | MYLAR 0.15uF 5% 50V           |
| C440                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C441                | 1-104-553-11 s | FILM, CHIP 0.015uF 5% 16V     |
| C442                | 1-130-499-00 s | MYLAR 0.22uF 5% 50V           |
| C443                | 1-164-344-11 s | CERAMIC, CHIP 0.068uF 10% 25V |
| C444                | 1-104-560-11 s | FILM, CHIP 0.056uF 5% 16V     |
| C445                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C446                | 1-107-553-11 s | FILM, CHIP 0.0056uF 2% 16V    |
| C447                | 1-104-551-11 s | FILM, CHIP 0.01uF 5% 16V      |
| C448                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C449                | 1-126-947-11 s | ELECT 47uF 20% 35V            |
| C450                | 1-126-947-11 s | ELECT 47uF 20% 35V            |
| C451                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C452                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C453                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C454                | 1-126-964-11 s | ELECT 10uF 20% 50V            |
| C455                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| C456                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| C457                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C458                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| C459                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| C460                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C461                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| C462                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C463                | 1-126-926-11 s | ELECT 1000uF 20% 10V          |
| CN1                 | 1-506-471-11 s | CONNECTOR 6P, MALE            |
| CN2                 | 1-506-480-11 s | CONNECTOR 15P, MALE           |
| CN3                 | 1-506-472-11 s | CONNECTOR 7P, MALE            |
| CN4                 | 1-564-009-11 o | CONNECTOR 10P, MALE           |
| CN5                 | 1-506-471-11 s | CONNECTOR 6P, MALE            |
| CN6                 | 1-506-471-11 s | CONNECTOR 6P, MALE            |
| CN7                 | 1-564-011-11 o | CONNECTOR 12P, MALE           |
| CN8                 | 1-564-002-11 s | CONNECTOR 3P, MALE            |
| D101                | 8-719-941-23 s | DIODE DA204U                  |

## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description       |
|---------------------|----------------|----------------------|
| D103                | 8-719-941-23 s | DIODE DA204U         |
| D104                | 8-719-110-39 s | DIODE R0158S81       |
| D201                | 8-719-123-85 s | DIODE 1SS304         |
| D202                | 8-719-941-23 s | DIODE DA204U         |
| D203                | 8-719-123-85 s | DIODE 1SS304         |
| D204                | 8-719-123-85 s | DIODE 1SS304         |
| D401                | 8-719-941-23 s | DIODE DA204U         |
| D402                | 8-719-123-85 s | DIODE 1SS304         |
| D403                | 8-719-123-85 s | DIODE 1SS304         |
| IC1                 | 1-810-335-11 s | HIC BP-024           |
| IC2                 | 1-810-335-11 s | HIC BP-024           |
| IC3                 | 1-810-335-11 s | HIC BP-024           |
| IC4                 | 1-810-335-11 s | HIC BP-024           |
| IC101               | 8-759-172-41 s | IC L78M09T-TL        |
| IC102               | 8-759-173-37 s | IC L79M09T-TL        |
| IC103               | 8-759-701-25 s | IC NJM20680-D        |
| IC104               | 8-759-635-83 s | IC M519578FP         |
| IC105               | 8-759-172-41 s | IC L78M09T-TL        |
| IC106               | 8-759-172-41 s | IC L78M09T-TL        |
| IC107               | 8-759-173-37 s | IC L79M09T-TL        |
| IC108               | 8-759-172-41 s | IC L78M09T-TL        |
| IC109               | 8-759-701-25 s | IC NJM20680-D        |
| IC110               | 8-759-729-03 s | IC NJM2903D          |
| IC201               | 8-759-701-25 s | IC NJM20680-D        |
| IC202               | 8-759-701-25 s | IC NJM20680-D        |
| IC203               | 8-759-701-25 s | IC NJM20680-D        |
| IC204               | 8-759-705-58 s | IC NJM4558D-D        |
| IC205               | 8-759-705-58 s | IC NJM4558D-D        |
| IC206               | 8-759-705-58 s | IC NJM4558D-D        |
| IC209               | 8-759-705-58 s | IC NJM4558D-D        |
| IC210               | 8-759-145-57 s | IC UP4557C           |
| IC211               | 8-759-145-57 s | IC UP4557C           |
| IC212               | 8-759-917-18 s | IC SN74HC04AN        |
| IC401               | 8-759-701-25 s | IC NJM20680-D        |
| IC402               | 8-759-701-25 s | IC NJM20680-D        |
| IC403               | 8-759-701-25 s | IC NJM20680-D        |
| IC404               | 8-759-705-58 s | IC NJM4558D-D        |
| IC405               | 8-759-705-58 s | IC NJM4558D-D        |
| IC406               | 8-759-705-58 s | IC NJM4558D-D        |
| IC407               | 8-752-018-80 s | IC CX20188           |
| IC408               | 8-759-705-58 s | IC NJM4558D-D        |
| IC409               | 8-759-705-58 s | IC NJM4558D-D        |
| IC410               | 8-759-145-57 s | IC UP4557C           |
| L101                | 1-410-470-11 s | INDUCTOR 10uH        |
| L102                | 1-410-470-11 s | INDUCTOR 10uH        |
| L103                | 1-412-533-21 s | INDUCTOR 47uH        |
| L201                | 1-410-068-11 s | INDUCTOR 5.60mH      |
| L202                | 1-408-617-31 s | INDUCTOR 150uH       |
| L401                | 1-410-068-11 s | INDUCTOR 5.60mH      |
| L402                | 1-408-617-31 s | INDUCTOR 150uH       |
| PS101               | 1-532-727-11 s | LINK, IC 0.25A       |
| PS102               | 1-532-727-11 s | LINK, IC 0.25A       |
| PS103               | 1-532-679-00 s | LINK, IC 0.6A        |
| Q101                | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q201                | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q202                | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q203                | 8-729-209-06 s | TRANSISTOR 2SC4213-A |
| Q204                | 8-729-905-12 s | TRANSISTOR DTA144EU  |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| Q205                | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| Q206                | 8-729-423-93 | s TRANSISTOR 2SD136-R(TA)     |
| Q207                | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA)    |
| Q208                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| Q209                | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| Q210                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| Q212                | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| Q401                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q402                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q403                | 8-729-209-06 | s TRANSISTOR 2SC4213-A        |
| Q404                | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA)    |
| Q405                | 8-729-905-18 | s TRANSISTOR DTC144EU         |
| Q406                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| Q407                | 8-729-140-93 | s TRANSISTOR 2SB733-34        |
| Q408                | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ        |
| R1                  | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R2                  | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R3                  | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R4                  | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R5                  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R6                  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R7                  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R8                  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R9                  | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R10                 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R11                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R12                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R13                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R14                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R15                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R16                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R101                | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W   |
| R102                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R103                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R104                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R105                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R106                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R107                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R108                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R109                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R110                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R111                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R112                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R113                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R114                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R118                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R119                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R120                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R121                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R122                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R123                | 1-249-417-11 | s CARBON 1k 5% 1/4W           |
| R201                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W     |
| R202                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R203                | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W   |
| R204                | 1-216-626-11 | s METAL, CHIP 91 0.5% 1/10W   |
| R205                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |

## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R206                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R208                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R209                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R211                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R212                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R213                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R214                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R215                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R216                | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W  |
| R217                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R218                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R219                | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W  |
| R220                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R221                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R222                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R223                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R224                | 1-215-473-00 | s METAL, CHIP 150k 1% 1/6W    |
| R225                | 1-215-484-00 | s METAL, CHIP 30k 1% 1/6W     |
| R226                | 1-215-484-00 | s METAL, CHIP 30k 1% 1/6W     |
| R227                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R228                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R229                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R230                | 1-215-472-00 | s METAL, CHIP 130k 1% 1/6W    |
| R231                | 1-215-488-00 | s METAL, CHIP 620k 1% 1/6W    |
| R232                | 1-215-464-00 | s METAL, CHIP 62k 1% 1/6W     |
| R233                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R234                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R235                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R236                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R237                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R238                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R239                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R240                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R241                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R242                | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W  |
| R243                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R244                | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R245                | 1-215-493-00 | s METAL, CHIP 1M 1% 1/6W      |
| R246                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R247                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R248                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R249                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R250                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R251                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R252                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R253                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R254                | 1-216-081-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R255                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R256                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R257                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R258                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R259                | 1-216-659-11 | s METAL, CHIP 2.2k 5% 1/10W   |
| R260                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R261                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R262                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R263                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R264                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R265                | 1-208-803-11 | s METAL, CHIP 7.5k 0.5% 1/10W |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                 |
|---------------------|----------------|--------------------------------|
| R266                | 1-216-045-00   | s METAL, CHIP 680 5% 1/10W     |
| R267                | 1-216-674-11   | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R268                | 1-208-812-11   | s METAL, CHIP 18k 0.5% 1/10W   |
| R269                | 1-216-657-11   | s METAL, CHIP 1.8k 0.5% 1/10W  |
| R270                | 1-216-069-00   | s METAL, CHIP 6.8k 5% 1/10W    |
| R271                | 1-216-063-91   | s METAL, CHIP 3.9k 5% 1/10W    |
| R272                | 1-208-799-11   | s METAL, CHIP 5.1k 0.5% 1/10W  |
| R273                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R274                | 1-216-069-00   | s METAL, CHIP 6.8k 5% 1/10W    |
| R275                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R276                | 1-216-095-00   | s METAL, CHIP 82k 5% 1/10W     |
| R277                | 1-216-646-11   | s METAL, CHIP 620 0.5% 1/10W   |
| R278                | 1-208-799-11   | s METAL, CHIP 5.1k 0.5% 1/10W  |
| R279                | 1-216-663-11   | s METAL, CHIP 3.3k 0.5% 1/10W  |
| R280                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R281                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R282                | 1-216-650-11   | s METAL, CHIP 910 0.5% 1/10W   |
| R283                | 1-216-663-11   | s METAL, CHIP 3.3k 0.5% 1/10W  |
| R284                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R285                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R286                | 1-216-667-11   | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R287                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R288                | 1-216-093-00   | s METAL, CHIP 220 5% 1/10W     |
| R289                | 1-216-067-00   | s METAL, CHIP 5.6k 5% 1/10W    |
| R290                | 1-216-067-00   | s METAL, CHIP 5.6k 5% 1/10W    |
| R291                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W     |
| R292                | 1-208-810-11   | s METAL, CHIP 15k 0.5% 1/10W   |
| R293                | 1-216-674-11   | s METAL, CHIP 9.1k 0.5% 1/10W  |
| R294                | 1-247-807-31   | s CARBON 100 5% 1/4W           |
| R295                | Δ 1-216-399-00 | s WIREWOUND 6.8 10% 3W         |
| R296                | Δ 1-216-399-00 | s WIREWOUND 6.8 10% 3W         |
| R297                | 1-247-807-31   | s CARBON 100 5% 1/4W           |
| R298                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R299                | 1-218-754-11   | s METAL, CHIP 120k 0.50% 1/10W |
| R300                | 1-216-025-91   | s METAL, CHIP 100 5% 1/10W     |
| R301                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W      |
| R302                | 1-249-389-11   | s CARBON 4.7 5% 1/4W           |
| R303                | 1-216-121-91   | s METAL, CHIP 1M 5% 1/10W      |
| R304                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R305                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R306                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R307                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R308                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R309                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R310                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R401                | 1-216-001-00   | s METAL, CHIP 10 5% 1/10W      |
| R402                | 1-216-097-91   | s METAL, CHIP 100k 5% 1/10W    |
| R403                | 1-216-105-91   | s METAL, CHIP 220k 5% 1/10W    |
| R404                | 1-216-626-11   | s METAL, CHIP 91 0.5% 1/10W    |
| R405                | 1-216-651-11   | s METAL, CHIP 1k 0.5% 1/10W    |
| R406                | 1-216-659-11   | s METAL, CHIP 2.2k 0.5% 1/10W  |
| R408                | 1-216-009-00   | s METAL, CHIP 22 5% 1/10W      |
| R409                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R410                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R411                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R412                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R413                | 1-216-049-91   | s METAL, CHIP 1k 5% 1/10W      |
| R414                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |
| R415                | 1-216-073-00   | s METAL, CHIP 10k 5% 1/10W     |

## (AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R416                | 1-216-633-11 | s METAL, CHIP 180 0.5% 1/10W  |
| R417                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R418                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R419                | 1-216-642-11 | s METAL, CHIP 430 0.5% 1/10W  |
| R420                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R421                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R422                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R423                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R424                | 1-215-473-00 | s METAL 150k 1% 1/6W          |
| R425                | 1-215-485-00 | s METAL 470k 1% 1/6W          |
| R426                | 1-215-485-00 | s METAL 470k 1% 1/6W          |
| R427                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R428                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R429                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R430                | 1-215-483-00 | s METAL 390k 1% 1/6W          |
| R431                | 1-215-489-00 | s METAL 680k 1% 1/6W          |
| R432                | 1-215-466-00 | s METAL 75k 1% 1/6W           |
| R433                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R434                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R435                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R436                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R437                | 1-216-678-11 | s METAL, CHIP 13k 0.5% 1/10W  |
| R438                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R439                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R440                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W   |
| R441                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R442                | 1-216-676-11 | s METAL, CHIP 11k 0.5% 1/10W  |
| R443                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R444                | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R445                | 1-215-493-00 | s METAL 1M 1% 1/6W            |
| R446                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R447                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R448                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R449                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |
| R450                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R451                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R452                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R453                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R455                | 1-208-789-11 | s METAL, CHIP 2k 0.5% 1/10W   |
| R456                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R457                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R458                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R459                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R460                | 1-208-803-11 | s METAL, CHIP 7.5k 0.5% 1/10W |
| R461                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R462                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R463                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R464                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R465                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R466                | 1-216-069-00 | s METAL, CHIP 6.8k 5% 1/10W   |
| R467                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R468                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R469                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R470                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R471                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R472                | 1-216-650-11 | s METAL, CHIP 910 0.5% 1/10W  |
| R473                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R474                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

(AP-34 BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R475                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R476                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R477                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R478                | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W    |
| R479                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R480                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R481                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R482                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R483                | 1-216-674-11 | s METAL, CHIP 9.1k 0.5% 1/10W |
| R484                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R485                | 1-247-807-31 | s CARBON 100 5% 1/4W          |
| R486                | 1-216-399-00 | s WIREWOUND 6.8 10k 3W        |
| R487                | 1-216-399-00 | s WIREWOUND 6.8 10k 3W        |
| R488                | 1-247-807-31 | s CARBON 100 5% 1/4W          |
| R489                | 1-218-754-11 | s METAL, CHIP 120k 0.5% 1/10W |
| R490                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R491                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R492                | 1-249-389-11 | s CARBON 4.7 5% 1/4W          |
| R493                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R494                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R495                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R502                | 1-247-855-11 | s CARBON 10k 5% 1/4W          |
| RV1                 | 1-238-551-11 | s RES, ADJ CARBON 220k        |
| RV2                 | 1-241-784-11 | s RES, ADJ METAL 4.7k         |
| RV3                 | 1-241-783-11 | s RES, ADJ METAL 2.2k         |
| RV4                 | 1-241-785-11 | s RES, ADJ METAL 10k          |
| RV201               | 1-238-551-11 | s RES, ADJ CARBON 220k        |
| RV202               | 1-241-784-11 | s RES, ADJ METAL 4.7k         |
| RV203               | 1-241-783-11 | s RES, ADJ METAL 2.2k         |
| RV204               | 1-241-785-11 | s RES, ADJ METAL 10k          |
| S1                  | 1-570-602-11 | s SWITCH, DIP 2-CKT           |
| S2                  | 1-570-602-11 | s SWITCH, DIP 2-CKT           |
| S201                | 1-570-602-11 | s SWITCH, DIP 2-CKT           |
| S202                | 1-570-602-11 | s SWITCH, DIP 2-CKT           |
| T1                  | 1-423-658-11 | s TRANSFORMER, RF INPUT       |
| T2                  | 1-423-658-11 | s TRANSFORMER, RF INPUT       |
| T3                  | 1-423-657-11 | s TRANSFORMER, RF INPUT       |
| T4                  | 1-423-657-11 | s TRANSFORMER, RF INPUT       |
| TH1                 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k    |
| TH2                 | 1-807-972-11 | s THERMISTOR SV-1715 1.25k    |

AP-34P BOARD (for UVW-1200P, PAL)

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

AP-34P board is used for UVW-1200P

|       |              |                                 |
|-------|--------------|---------------------------------|
| 1pc   | A-8275-611-A | s MOUNTED CIRCUIT BOARD, AP-34P |
| 1pc   | 7-662-903-21 | s SCREW, PWH 3x8                |
| C1    | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C2    | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C3    | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C4    | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| CS-12 | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C13   | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C14   | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C15   | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C16   | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C17   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10V 25V   |
| C18   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10V 25V   |
| C19   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10V 25V   |
| C20   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10V 25V   |
| C101  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C102  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C103  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C104  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C105  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C107  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C108  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C109  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C110  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C111  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C112  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C113  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C114  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C115  | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |
| C116  | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |
| C117  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10V 25V   |
| C118  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C119  | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C120  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C121  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C122  | 1-126-933-11 | s ELECT 100uF 20V 16V           |
| C123  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C124  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C125  | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C126  | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C127  | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C128  | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C129  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C130  | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C131  | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C132  | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10K 25V |
| C133  | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C135  | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V    |
| C201  | 1-163-243-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C202  | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C203  | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C204  | 1-163-127-00 | s CERAMIC, CHIP 270pF 5% 50V    |
| C205  | 1-130-485-00 | s MYLAR 0.015uF 5% 50V          |
| C206  | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C207  | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V    |
| C208  | 1-126-964-11 | s ELECT 10uF 20K 50V            |
| C209  | 1-130-481-00 | s MYLAR 0.006uF 5% 50V          |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400P/1200P/1200P

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C210                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V |
| C211                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C212                | 1-126-551-11 s | ELECT 22uF 20K 50V            |
| C213                | 1-126-551-11 s | ELECT 22uF 20K 50V            |
| C214                | 1-130-498-00 s | MYLAR 0.18uF 5% 50V           |
| C215                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C216-221            | 1-130-487-00 s | MYLAR 0.022uF 5% 50V          |
| C222                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C223                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C224                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C225                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C226                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C227                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C228                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C229                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C230                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C231                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V    |
| C232                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C233                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C234                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C235                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
| C236                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C237                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C238                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C239                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C240                | 1-107-499-11 s | FILM, CHIP 0.0039uF 2% 16V    |
| C241                | 1-131-345-00 s | TANTALUM 0.47uF 10% 35V       |
| C242                | 1-130-497-00 s | MYLAR 0.15uF 5% 50V           |
| C243                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C244                | 1-104-553-11 s | FILM, CHIP 0.015uF 5% 16V     |
| C245                | 1-130-499-00 s | MYLAR 0.22uF 5% 50V           |
| C246                | 1-164-344-11 s | CERAMIC, CHIP 0.068uF 10% 25V |
| C247                | 1-104-560-11 s | FILM, CHIP 0.056uF 5% 16V     |
| C248                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C249                | 1-107-553-11 s | FILM, CHIP 0.0056uF 2% 16V    |
| C250                | 1-104-551-11 s | FILM, CHIP 0.01uF 5% 16V      |
| C251                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C252                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C253                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C254                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C255                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C256                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C257                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C258                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C259                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C260                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C261                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C262                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C263                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C264                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C265                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C266                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C267                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C269                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C401                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V    |
| C402                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C403                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C404                | 1-163-127-00 s | CERAMIC, CHIP 270pF 5% 50V    |
| C405                | 1-130-485-00 s | MYLAR 0.015uF 5% 50V          |

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C406                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C407                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5% 50V    |
| C408                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C409                | 1-130-481-00 s | MYLAR 0.0068uF 5% 50V         |
| C410                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V |
| C411                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C412                | 1-126-551-11 s | ELECT 22uF 20K 50V            |
| C413                | 1-126-551-11 s | ELECT 22uF 20K 50V            |
| C414                | 1-130-498-00 s | MYLAR 0.18uF 5% 50V           |
| C415                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C416-421            | 1-130-487-00 s | MYLAR 0.022uF 5% 50V          |
| C422                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C423                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C424                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C425                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C426                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C427                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C428                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C429                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V  |
| C430                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C431                | 1-163-139-00 s | CERAMIC, CHIP 820pF 5% 50V    |
| C432                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V     |
| C433                | 1-130-483-00 s | MYLAR 0.01uF 5% 50V           |
| C434                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C435                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C436                | 1-107-498-11 s | FILM, CHIP 0.0022uF 2% 50V    |
| C437                | 1-107-499-11 s | FILM, CHIP 0.0039uF 2% 16V    |
| C438                | 1-131-345-00 s | TANTALUM 0.47uF 10% 35V       |
| C439                | 1-130-497-00 s | MYLAR 0.15uF 5% 50V           |
| C440                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C441                | 1-104-553-11 s | FILM, CHIP 0.015uF 5% 16V     |
| C442                | 1-130-499-00 s | MYLAR 0.22uF 5% 50V           |
| C443                | 1-164-344-11 s | CERAMIC, CHIP 0.068uF 10% 25V |
| C444                | 1-104-560-11 s | FILM, CHIP 0.056uF 5% 16V     |
| C445                | 1-124-925-11 s | ELECT 2.2uF 20% 100V          |
| C446                | 1-107-553-11 s | FILM, CHIP 0.0056uF 2% 16V    |
| C447                | 1-104-551-11 s | FILM, CHIP 0.01uF 5% 16V      |
| C448                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V    |
| C449                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C450                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C451                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5% 50V    |
| C452                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C453                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C454                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C455                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C456                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C457                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V     |
| C458                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C459                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C460                | 1-163-809-11 s | CERAMIC, CHIP 0.047uF 10% 25V |
| C461                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| C462                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C463                | 1-126-926-11 s | ELECT 1000uF 20K 10V          |
| CN1                 | 1-506-471-11 s | CONNECTOR 6P, MALE            |
| CN2                 | 1-506-480-11 s | CONNECTOR 15P, MALE           |
| CN3                 | 1-506-472-11 s | CONNECTOR 7P, MALE            |
| CN4                 | 1-564-009-11 s | CONNECTOR 10P, MALE           |
| CN5                 | 1-506-471-11 s | CONNECTOR 6P, MALE            |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| CN6                 | 1-506-471-11 | s CONNECTOR 6P, MALE  |
| CN7                 | 1-564-011-11 | o CONNECTOR 12P, MALE |
| CN8                 | 1-564-002-11 | s CONNECTOR 3P, MALE  |

|      |              |                  |
|------|--------------|------------------|
| D101 | 8-719-941-23 | s DIODE DA204U   |
| D103 | 8-719-941-23 | s DIODE DA204U   |
| D104 | 8-719-110-39 | s DIODE RD15ESB1 |
| D201 | 8-719-123-85 | s DIODE 1SS304   |
| D202 | 8-719-941-23 | s DIODE DA204U   |

|      |              |                |
|------|--------------|----------------|
| D203 | 8-719-123-85 | s DIODE 1SS304 |
| D204 | 8-719-123-85 | s DIODE 1SS304 |
| D401 | 8-719-941-23 | s DIODE DA204U |
| D402 | 8-719-123-85 | s DIODE 1SS304 |
| D403 | 8-719-123-85 | s DIODE 1SS304 |

|       |              |                 |
|-------|--------------|-----------------|
| IC1   | 1-810-335-11 | s HIC BP-024    |
| IC2   | 1-810-335-11 | s HIC BP-024    |
| IC3   | 1-810-335-11 | s HIC BP-024    |
| IC4   | 1-810-335-11 | s HIC BP-024    |
| IC101 | 8-759-172-41 | s IC L79M09T-TL |

|       |              |                 |
|-------|--------------|-----------------|
| IC102 | 8-759-173-37 | s IC L79M09T-TL |
| IC103 | 8-759-701-25 | s IC NJM2068D-D |
| IC104 | 8-759-635-83 | s IC M51957BPP  |
| IC105 | 8-759-172-41 | s IC L78M09T-TL |
| IC106 | 8-759-172-41 | s IC L78M09T-TL |

|       |              |                 |
|-------|--------------|-----------------|
| IC107 | 8-759-173-37 | s IC L79M09T-TL |
| IC108 | 8-759-172-41 | s IC L78M09T-TL |
| IC109 | 8-759-701-25 | s IC NJM2068D-D |
| IC110 | 8-759-729-03 | s IC NJM2903D   |
| IC201 | 8-759-701-25 | s IC NJM2068D-D |

|       |              |                 |
|-------|--------------|-----------------|
| IC202 | 8-759-701-25 | s IC NJM2068D-D |
| IC203 | 8-759-701-25 | s IC NJM2068D-D |
| IC204 | 8-759-705-58 | s IC NJM4558D-D |
| IC205 | 8-759-705-58 | s IC NJM4558D-D |
| IC206 | 8-759-705-58 | s IC NJM4558D-D |

|       |              |                  |
|-------|--------------|------------------|
| IC209 | 8-759-705-58 | s IC NJM4558D-D  |
| IC210 | 8-759-145-37 | s IC UPCA457C    |
| IC211 | 8-759-145-37 | s IC UPCA457C    |
| IC212 | 8-759-917-18 | s IC SN74HC04M4N |
| IC401 | 8-759-701-25 | s IC NJM2068D-D  |

|       |              |                 |
|-------|--------------|-----------------|
| IC402 | 8-759-701-25 | s IC NJM2068D-D |
| IC403 | 8-759-701-25 | s IC NJM2068D-D |
| IC404 | 8-759-705-58 | s IC NJM4558D-D |
| IC405 | 8-759-705-58 | s IC NJM4558D-D |
| IC406 | 8-759-705-58 | s IC NJM4558D-D |

|       |              |                 |
|-------|--------------|-----------------|
| IC407 | 8-752-018-80 | s IC CX20188    |
| IC408 | 8-759-705-58 | s IC NJM4558D-D |
| IC409 | 8-759-705-58 | s IC NJM4558D-D |
| IC410 | 8-759-145-37 | s IC UPCA457C   |

|      |              |                   |
|------|--------------|-------------------|
| L101 | 1-410-470-11 | s INDUCTOR 10uH   |
| L102 | 1-410-470-11 | s INDUCTOR 10uH   |
| L103 | 1-412-533-21 | s INDUCTOR 47uH   |
| L201 | 1-410-068-11 | s INDUCTOR 5.60uH |
| L202 | 1-408-617-31 | s INDUCTOR 150uH  |

|      |              |                   |
|------|--------------|-------------------|
| L401 | 1-410-068-11 | s INDUCTOR 5.60uH |
| L402 | 1-408-617-31 | s INDUCTOR 150uH  |

|       |              |                  |
|-------|--------------|------------------|
| PS101 | 1-532-727-11 | s LINK, IC 0.25A |
| PS102 | 1-532-727-11 | s LINK, IC 0.25A |
| PS103 | 1-532-679-00 | s LINK, IC 0.6A  |

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

|      |              |                            |
|------|--------------|----------------------------|
| Q101 | 8-729-209-06 | s TRANSISTOR 2SC4213-A     |
| Q201 | 8-729-209-06 | s TRANSISTOR 2SD2136-R(TA) |
| Q202 | 8-729-209-06 | s TRANSISTOR 2SC4213-A     |
| Q203 | 8-729-209-06 | s TRANSISTOR 2SC4213-A     |
| Q204 | 8-729-905-12 | s TRANSISTOR DT1444EU      |

|      |              |                            |
|------|--------------|----------------------------|
| Q205 | 8-729-140-93 | s TRANSISTOR 2SB733-34     |
| Q206 | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA) |
| Q207 | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA) |
| Q208 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ     |
| Q209 | 8-729-140-93 | s TRANSISTOR 2SB733-34     |

|      |              |                        |
|------|--------------|------------------------|
| Q210 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ |
| Q212 | 8-729-905-18 | s TRANSISTOR DT1444EU  |
| Q401 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q402 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |
| Q403 | 8-729-209-06 | s TRANSISTOR 2SC4213-A |

|      |              |                            |
|------|--------------|----------------------------|
| Q404 | 8-729-423-93 | s TRANSISTOR 2SD2136-R(TA) |
| Q405 | 8-729-022-00 | s TRANSISTOR 2SB1416-R(TA) |
| Q406 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ     |
| Q407 | 8-729-140-93 | s TRANSISTOR 2SB733-34     |
| Q408 | 8-729-021-98 | s TRANSISTOR 2SJ226-AZ     |

|    |              |                              |
|----|--------------|------------------------------|
| R1 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R2 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R3 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R4 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R5 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |

|     |              |                              |
|-----|--------------|------------------------------|
| R6  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R7  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R8  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R9  | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R10 | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |

|     |              |                              |
|-----|--------------|------------------------------|
| R11 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R12 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R13 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R14 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R15 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |

|      |              |                             |
|------|--------------|-----------------------------|
| R16  | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W |
| R101 | 1-216-603-11 | s METAL, CHIP 10 0.5% 1/10W |
| R102 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R103 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R104 | 1-216-033-00 | s METAL, CHIP 220 5% 1/10W  |

|      |              |                            |
|------|--------------|----------------------------|
| R105 | 1-216-121-81 | s METAL, CHIP 1M 5% 1/10W  |
| R106 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R107 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W |
| R108 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |
| R109 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W |

|      |              |                               |
|------|--------------|-------------------------------|
| R110 | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R111 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R112 | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R113 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R114 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |

|      |              |                             |
|------|--------------|-----------------------------|
| R115 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R116 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R117 | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W |
| R118 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R119 | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W |

|      |              |                             |
|------|--------------|-----------------------------|
| R120 | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R121 | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R122 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R123 | 1-249-417-11 | s CARBON 1k 5% 1/4W         |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R201                | 1-216-001-00 s | METAL, CHIP 10 5% 1/10W     |
| R202                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R203                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W   |
| R204                | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W   |
| *R205               | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
|                     | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R206                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R207                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R208                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W     |
| R209                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R210                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R211                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R212                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R213                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R214                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R215                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R216                | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| R217                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R218                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R219                | 1-216-642-11 s | METAL, CHIP 430 0.5% 1/10W  |
| R220                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R221                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R222                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R223                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R224                | 1-215-479-00 s | METAL 270k 1% 1/6W          |
| R225                | 1-215-471-00 s | METAL 120k 1% 1/6W          |
| R226                | 1-215-484-00 s | METAL 430k 1% 1/6W          |
| R227                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R228                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R229                | 1-216-695-11 s | METAL, CHIP 68k 0.5% 1/10W  |
| R231                | 1-215-479-00 s | METAL 270k 1% 1/6W          |
| R232                | 1-215-463-00 s | METAL 56k 1% 1/6W           |
| R233                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R234                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R235                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R236                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W   |
| R237                | 1-216-678-11 s | METAL, CHIP 13k 0.5% 1/10W  |
| R238                | 1-216-678-11 s | METAL, CHIP 5.2k 0.5% 1/10W |
| R239                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R240                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W   |
| R241                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R242                | 1-216-676-11 s | METAL, CHIP 11k 0.5% 1/10W  |
| R243                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R244                | 1-208-785-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R245                | 1-215-493-00 s | METAL 1M 1% 1/6W            |
| R246                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| R247                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R248                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R249                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W     |
| R250                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R251                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R252                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R253                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R254                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R255                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R256                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R257                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R258                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

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## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R259                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W  |
| R260                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W    |
| R261                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W   |
| R262                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W   |
| R263                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W      |
| R264                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W   |
| R265                | 1-208-803-11 s | METAL, CHIP 7.5k 0.5% 1/10W  |
| R266                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W     |
| R267                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R268                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W   |
| R269                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W  |
| R270                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W    |
| R271                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W    |
| R272                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W  |
| R273                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R274                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W    |
| R275                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R276                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W     |
| R277                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W   |
| R278                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W  |
| R279                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W  |
| R280                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R281                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R282                | 1-216-650-11 s | METAL, CHIP 910 0.5% 1/10W   |
| R283                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W  |
| R284                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R285                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R286                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R287                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R288                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W     |
| R289                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W    |
| R290                | 1-216-067-00 s | METAL, CHIP 5.6k 5% 1/10W    |
| R291                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R292                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W   |
| R293                | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W  |
| R294                | 1-247-807-31 s | CARBON 100 5% 1/4W           |
| R295                | 1-216-399-00 s | WIREWOUND 6.8 10k 5W         |
| R296                | 1-216-399-00 s | WIREWOUND 6.8 10k 5W         |
| R297                | 1-247-807-31 s | CARBON 100 5% 1/4W           |
| R298                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R299                | 1-218-764-11 s | METAL, CHIP 120k 0.50% 1/10W |
| R300                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R301                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W      |
| R302                | 1-249-389-11 s | CARBON 4.7 5% 1/4W           |
| R303                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W      |
| R304                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R305                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R306-310            | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R401                | 1-216-001-00 s | METAL, CHIP 10 5% 1/10W      |
| R402                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |
| R403                | 1-216-105-91 s | METAL, CHIP 220k 5% 1/10W    |
| R404                | 1-216-626-11 s | METAL, CHIP 91 0.5% 1/10W    |
| *R405               | 1-216-051-11 s | METAL, CHIP 1k 0.5% 1/10W    |
|                     | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W     |
| R406                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W  |
| R407                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R408                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W      |
| R409                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |
| R410                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W     |

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Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R411                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R412                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R413                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R414                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R415                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R416                | 1-216-633-11 | METAL, CHIP 130 0.5% 1/10W  |
| R417                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R418                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R419                | 1-216-642-11 | METAL, CHIP 430 0.5% 1/10W  |
| R420                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R421                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R422                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R423                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R424                | 1-215-484-00 | METAL, CHIP 430k 1% 1/6W    |
| R425                | 1-215-484-00 | METAL, CHIP 430k 1% 1/6W    |
| R426                | 1-215-484-00 | METAL, CHIP 430k 1% 1/6W    |
| R427                | 1-216-689-11 | METAL, CHIP 39k 0.5% 1/10W  |
| R428                | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R429                | 1-216-695-11 | METAL, CHIP 68k 0.5% 1/10W  |
| R431                | 1-215-487-00 | METAL, CHIP 560k 1% 1/6W    |
| R432                | 1-215-466-00 | METAL, CHIP 75k 1% 1/5W     |
| R433                | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R434                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R435                | 1-208-774-11 | METAL, CHIP 470 5% 1/10W    |
| R436                | 1-216-622-11 | METAL, CHIP 62 0.5% 1/10W   |
| R437                | 1-216-678-11 | METAL, CHIP 13k 0.5% 1/10W  |
| R438                | 1-216-673-11 | METAL, CHIP 8.2k 0.5% 1/10W |
| R439                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R440                | 1-216-622-11 | METAL, CHIP 62 0.5% 1/10W   |
| R441                | 1-208-784-11 | METAL, CHIP 1.2k 0.5% 1/10W |
| R442                | 1-216-676-11 | METAL, CHIP 11k 0.5% 1/10W  |
| R443                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R444                | 1-208-785-11 | METAL, CHIP 1.3k 0.5% 1/10W |
| R445                | 1-215-493-00 | METAL, 1M 1% 1/6W           |
| R446                | 1-216-666-11 | METAL, CHIP 4.3k 0.5% 1/10W |
| R447                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |
| R448                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R449                | 1-216-009-00 | METAL, CHIP 22 5% 1/10W     |
| R450                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R451                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R452                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R453                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R454                | 1-215-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R455                | 1-208-789-11 | METAL, CHIP 2k 0.5% 1/10W   |
| R456                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R457                | 1-216-645-11 | METAL, CHIP 560 0.5% 1/10W  |
| R458                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R459                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W  |
| R460                | 1-208-803-11 | METAL, CHIP 7.5k 0.5% 1/10W |
| R461                | 1-216-045-00 | METAL, CHIP 680 5% 1/10W    |
| R462                | 1-216-674-11 | METAL, CHIP 9.1k 0.5% 1/10W |
| R463                | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R464                | 1-216-657-11 | METAL, CHIP 1.8k 0.5% 1/10W |
| R465                | 1-216-069-00 | METAL, CHIP 6.8k 5% 1/10W   |
| R466                | 1-216-069-00 | METAL, CHIP 6.8k 5% 1/10W   |
| R467                | 1-208-799-11 | METAL, CHIP 5.1k 0.5% 1/10W |
| R468                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R469                | 1-216-095-00 | METAL, CHIP 82k 5% 1/10W    |
| R470                | 1-208-799-11 | METAL, CHIP 5.1k 0.5% 1/10W |

## (AP-34P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |     |
|---------------------|----------------|------------------------------|-----|
| R471                | 1-216-663-11   | METAL, CHIP 3.3k 0.5% 1/10W  |     |
| R472                | 1-216-650-11   | METAL, CHIP 910 0.5% 1/10W   |     |
| R473                | 1-216-663-11   | METAL, CHIP 3.3k 0.5% 1/10W  |     |
| R474                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R475                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R476                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R477                | 1-216-667-11   | METAL, CHIP 4.7k 0.5% 1/10W  |     |
| R478                | 1-216-033-00   | METAL, CHIP 220 5% 1/10W     |     |
| R479                | 1-216-025-91   | METAL, CHIP 100 5% 1/10W     |     |
| R480                | 1-216-067-00   | METAL, CHIP 5.6k 5% 1/10W    |     |
| R481                | 1-216-067-00   | METAL, CHIP 5.6k 5% 1/10W    |     |
| R482                | 1-208-810-11   | METAL, CHIP 15k 0.5% 1/10W   |     |
| R483                | 1-216-674-11   | METAL, CHIP 9.1k 0.5% 1/10W  |     |
| R484                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R485                | 1-247-807-31   | CARBON 100 5% 1/4W           |     |
| R486                | △ 1-216-399-00 | WIREWOUND 6.8 10k 3W         |     |
| R487                | △ 1-216-399-00 | WIREWOUND 6.8 10k 3W         |     |
| R488                | 1-247-807-31   | CARBON 100 5% 1/4W           |     |
| R489                | 1-218-754-11   | METAL, CHIP 120k 0.50% 1/10W |     |
| R490                | 1-216-025-91   | METAL, CHIP 100 5% 1/10W     |     |
| R491                | 1-216-121-91   | METAL, CHIP 1M 5% 1/10W      |     |
| R492                | 1-249-389-11   | CARBON 4.7 5% 1/4W           |     |
| R493                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R494                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W     |     |
| R495                | 1-216-121-91   | METAL, CHIP 1M 5% 1/10W      |     |
| R602                | 1-247-855-11   | CARBON 10k 5% 1/4W           |     |
| RV1                 | 1-238-551-11   | RES, ADJ CARBON 220k         |     |
| *RV2                | 1-241-784-11   | RES, ADJ METAL 4.7k          | *16 |
|                     | 1-241-783-11   | RES, ADJ METAL 2.2k          | *17 |
| RV3                 | 1-241-783-11   | RES, ADJ METAL 2.2k          |     |
| RV4                 | 1-241-785-11   | RES, ADJ METAL 10k           |     |
| RV201               | 1-238-551-11   | RES, ADJ CARBON 220k         |     |
| *RV202              | 1-241-784-11   | RES, ADJ METAL 4.7k          | *16 |
|                     | 1-241-783-11   | RES, ADJ METAL 2.2k          | *17 |
| RV203               | 1-241-783-11   | RES, ADJ METAL 2.2k          |     |
| RV204               | 1-241-785-11   | RES, ADJ METAL 10k           |     |
| S1                  | 1-570-602-11   | SWITCH, DIP 2-CNT            |     |
| S2                  | 1-570-602-11   | SWITCH, DIP 2-CNT            |     |
| S201                | 1-570-602-11   | SWITCH, DIP 2-CNT            |     |
| S202                | 1-570-602-11   | SWITCH, DIP 2-CNT            |     |
| T1                  | 1-423-658-11   | TRANSFORMER, RF INPUT        |     |
| T2                  | 1-423-658-11   | TRANSFORMER, RF INPUT        |     |
| *T3                 | 1-423-657-11   | TRANSFORMER, RF INPUT        | *1  |
|                     | 1-423-658-11   | TRANSFORMER, RF INPUT        | *2  |
| *T4                 | 1-423-657-11   | TRANSFORMER, RF INPUT        | *1  |
|                     | 1-423-658-11   | TRANSFORMER, RF INPUT        | *2  |
| TH1                 | 1-807-972-11   | THERMISTOR 5V-1715 1.25k     |     |
| TH2                 | 1-807-972-11   | THERMISTOR 5V-1715 1.25k     |     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## AR-14A BOARD (for UVW-1400, NTSC)

| Ref. No.<br>or Q'ty                | Part No.     | SP Description                  |
|------------------------------------|--------------|---------------------------------|
| AR-14A board is used for UVW-1400. |              |                                 |
| 1pc                                | A-8275-576-A | o MOUNTED CIRCUIT BOARD, AR-14A |
| 1pc                                | 3-179-084-01 | s LEVER (R), PC BOARD           |
| 1pc                                | 3-179-085-01 | s LEVER (L), PC BOARD           |

|     |              |                              |
|-----|--------------|------------------------------|
| C1  | 1-163-137-00 | s CERAMIC, CHIP 680pF 5% 50V |
| C8  | 1-126-964-11 | s ELECT 10uF 20% 50V         |
| C9  | 1-126-964-11 | s ELECT 10uF 20% 50V         |
| C10 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C11 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |

|        |              |                             |
|--------|--------------|-----------------------------|
| C12    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C13    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C14    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C15    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C16-20 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |

|      |              |                                |
|------|--------------|--------------------------------|
| C21  | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C101 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C102 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C103 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |

|       |              |                       |
|-------|--------------|-----------------------|
| *C104 | 1-126-940-11 | s ELECT 330uF 20% 25V |
|       | 1-126-950-11 | s ELECT 330uF 20% 35V |

|      |              |                             |
|------|--------------|-----------------------------|
| C105 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C106 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C109 | 1-126-947-11 | s ELECT 47uF 20% 35V        |

|      |              |                              |
|------|--------------|------------------------------|
| C110 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C111 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C112 | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C113 | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C114 | 1-131-353-00 | s TANTALUM 10uF 10% 35V      |

|      |              |                              |
|------|--------------|------------------------------|
| C115 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V      |
| C116 | 1-130-471-00 | s MYLAR 0.001uF 5% 50V       |
| C117 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V  |
| C118 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C119 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V       |

|      |              |                                |
|------|--------------|--------------------------------|
| C120 | 1-130-473-00 | s MYLAR 0.0015uF 5% 50V        |
| C121 | 1-130-494-11 | s MYLAR 0.082uF 5% 50V         |
| C122 | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C123 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C124 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |

|       |              |                      |
|-------|--------------|----------------------|
| *C125 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C126 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C127 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C128 | 1-136-439-11 | s FILM 330pF 5% 630V |

|       |              |                      |
|-------|--------------|----------------------|
| *C129 | 1-136-438-11 | s FILM 270pF 5% 630V |
|       | 1-136-478-11 | s FILM 470pF 5% 630V |

|      |              |                                |
|------|--------------|--------------------------------|
| C130 | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C201 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C202 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C203 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C204 | 1-126-950-11 | s ELECT 330uF 20% 35V          |

|      |              |                             |
|------|--------------|-----------------------------|
| C205 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C206 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C207 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C208 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C209 | 1-126-947-11 | s ELECT 47uF 20% 35V        |

## (AR-14A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| C210                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C211                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C212                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C213                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C214                | 1-131-353-00 | s TANTALUM 10uF 10% 35V      |

|      |              |                              |
|------|--------------|------------------------------|
| C215 | 1-130-475-00 | s MYLAR 0.0022uF 5% 50V      |
| C216 | 1-130-471-00 | s MYLAR 0.001uF 5% 50V       |
| C217 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V  |
| C218 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C219 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V       |

|      |              |                                |
|------|--------------|--------------------------------|
| C220 | 1-130-473-00 | s MYLAR 0.0015uF 5% 50V        |
| C221 | 1-130-494-11 | s MYLAR 0.082uF 5% 50V         |
| C222 | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C223 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C224 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |

|       |              |                      |
|-------|--------------|----------------------|
| *C225 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C226 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C227 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C228 | 1-136-439-11 | s FILM 330pF 5% 630V |

|       |              |                      |
|-------|--------------|----------------------|
| *C229 | 1-136-438-11 | s FILM 270pF 5% 630V |
|       | 1-136-478-11 | s FILM 470pF 5% 630V |

|      |              |                              |
|------|--------------|------------------------------|
| C230 | 1-126-964-11 | s ELECT 10uF 20% 50V         |
| C301 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V  |
| C302 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V  |
| C303 | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V |
| C305 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |

|      |              |                                |
|------|--------------|--------------------------------|
| C307 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C308 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C309 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C312 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C313 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |

|       |              |                                |
|-------|--------------|--------------------------------|
| C322  | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C323  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| *C364 | 1-109-900-11 | s CERAMIC, CHIP 470pF 5% 200V  |
| *C374 | 1-109-900-11 | s CERAMIC, CHIP 470pF 5% 200V  |

|       |              |                             |
|-------|--------------|-----------------------------|
| CN112 | 1-573-600-21 | s CONNECTOR, PHC 100P, MALE |
|-------|--------------|-----------------------------|

|      |              |                |
|------|--------------|----------------|
| D1   | 8-719-123-85 | s DIODE 1SS304 |
| D101 | 8-719-941-23 | s DIODE DA204U |
| D102 | 8-719-941-23 | s DIODE DA204U |
| D103 | 8-719-941-23 | s DIODE DA204U |
| D201 | 8-719-941-23 | s DIODE DA204U |

|      |              |                   |
|------|--------------|-------------------|
| D202 | 8-719-941-23 | s DIODE DA204U    |
| D203 | 8-719-941-23 | s DIODE DA204U    |
| D301 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D302 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D303 | 8-719-123-82 | s DIODE 1SS303-T1 |

|       |              |                   |
|-------|--------------|-------------------|
| D304  | 8-719-157-23 | s DIODE 8M 7M-B   |
| D305  | 8-719-123-82 | s DIODE 1SS303-T1 |
| D306  | 8-719-157-23 | s DIODE 8M 7M-B   |
| *D401 | 8-719-123-82 | s DIODE 1SS303-T1 |
| *D402 | 8-719-123-82 | s DIODE 1SS303-T1 |

|     |              |                 |
|-----|--------------|-----------------|
| IC1 | 8-759-140-53 | s IC UPD4053BC  |
| IC3 | 8-759-917-18 | s IC SN74HC04AN |
| IC5 | 8-759-168-20 | s IC TA78L09S   |
| IC6 | 8-759-700-68 | s IC NM79L09A   |
| IC7 | 8-759-168-20 | s IC TA78L09S   |

|       |              |                |
|-------|--------------|----------------|
| IC101 | 8-759-705-58 | s IC NM4558D-D |
|-------|--------------|----------------|

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AR-14A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| IC102               | 8-759-705-58   | IC NJM4558D-D              |
| IC103               | 8-759-705-58   | IC NJM4558D-D              |
| IC104               | 8-759-705-58   | IC NJM4558D-D              |
| IC201               | 8-759-705-58   | IC NJM4558D-D              |
| IC202               | 8-759-705-58   | IC NJM4558D-D              |
| IC203               | 8-759-705-58   | IC NJM4558D-D              |
| IC204               | 8-759-705-58   | IC NJM4558D-D              |
| IC301               | 8-759-917-18   | IC SN74HC004AN             |
| IC302               | 8-759-917-37   | IC MC74HC4024N             |
| IC303               | 8-759-038-14   | IC MC74HC4538AN            |
| IC304               | 8-759-916-16   | IC MC74HC08AN              |
| IC305               | 8-759-921-19   | IC SN74HC161N              |
| IC306               | 8-759-032-81   | IC MC74HC74N               |
| IC307               | 8-759-917-18   | IC SN74HC004AN             |
| IC308               | 8-759-916-16   | IC MC74HC08AN              |
| IC309               | 8-759-135-80   | IC UPC358C                 |
| L1                  | 1-410-470-11   | INDUCTOR 10uH              |
| L2                  | 1-410-470-11   | INDUCTOR 10uH              |
| L101                | 1-410-478-11   | INDUCTOR 47uH              |
| L201                | 1-410-478-11   | INDUCTOR 47uH              |
| LV101               | 1-410-853-21   | COIL, VAR 4.5uH            |
| LV201               | 1-410-853-21   | COIL, VAR 4.5uH            |
| PS1                 | Δ 1-532-727-11 | LINK, IC 0.25A             |
| PS2                 | Δ 1-532-727-11 | LINK, IC 0.25A             |
| Q1                  | 8-729-117-32   | TRANSISTOR 2SC4177         |
| Q2                  | 8-729-140-93   | TRANSISTOR 2SA1611-MM6     |
| Q101                | 8-729-209-06   | TRANSISTOR 2SC4213-A       |
| Q102                | 8-729-905-18   | TRANSISTOR DTC144EU        |
| Q103                | 8-729-905-12   | TRANSISTOR DTA144EU        |
| Q104                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| Q105                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| Q201                | 8-729-209-06   | TRANSISTOR 2SC4213-A       |
| Q202                | 8-729-905-18   | TRANSISTOR DTC144EU        |
| Q203                | 8-729-905-12   | TRANSISTOR DTA144EU        |
| Q204                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| Q205                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| Q301                | 8-729-203-30   | TRANSISTOR 2SJ106Y         |
| Q302                | 8-729-140-93   | TRANSISTOR 2SB733-34       |
| Q303                | 8-729-203-30   | TRANSISTOR 2SJ106Y         |
| Q304                | 8-729-140-93   | TRANSISTOR 2SB733-34       |
| Q305                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| Q306                | 8-729-140-98   | TRANSISTOR 2SD773-3        |
| *R1                 | 1-216-686-11   | METAL, CHIP 30k 0.5% 1/10W |
|                     | 1-216-682-11   | METAL, CHIP 20k 0.5% 1/10W |
| *R2                 | 1-216-686-11   | METAL, CHIP 30k 0.5% 1/10W |
|                     | 1-216-682-11   | METAL, CHIP 20k 0.5% 1/10W |
| R3                  | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W  |
| R4                  | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W   |
| R5                  | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W  |
| R6                  | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W   |
| R7                  | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W   |
| R8                  | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W  |
| R9                  | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W    |
| R18-25              | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W  |
| R26                 | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W    |
| R27                 | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W   |

## (AR-14A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R103                | 1-208-799-11   | METAL, CHIP 5.1k 0.5% 1/10W |
| R104                | 1-208-799-11   | METAL, CHIP 5.1k 0.5% 1/10W |
| R105                | 1-216-642-11   | METAL, CHIP 430 0.5% 1/10W  |
| R106                | 1-216-641-11   | METAL, CHIP 390 0.5% 1/10W  |
| R107                | 1-216-633-11   | METAL, CHIP 180 0.5% 1/10W  |
| R108                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R109                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R110                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R111                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R112                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R113                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R114                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R115                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R116                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R117                | 1-216-025-91   | METAL, CHIP 100 5% 1/10W    |
| R118                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R119-122            | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R123               | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R124                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R125                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R126                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R127               | 1-216-444-00   | METAL, CHIP 9.1k 1% 1/6W    |
|                     | 1-216-674-11   | METAL, CHIP 9.1k 0.5% 1/10W |
| R128                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R129                | 1-216-109-00   | METAL, CHIP 330k 5% 1/10W   |
| R130                | 1-216-095-00   | METAL, CHIP 82k 5% 1/10W    |
| R131                | 1-216-295-91   | KES, CHIP 0                 |
| R132                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R133                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R134                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R135                | 1-216-008-00   | METAL, CHIP 22 5% 1/10W     |
| R136                | 1-216-045-00   | METAL, CHIP 680 5% 1/10W    |
| R137                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R138                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R139                | Δ 1-215-905-11 | METAL 10 5% 3W              |
| R140                | Δ 1-215-905-11 | METAL 10 5% 3W              |
| R141                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R142                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R143                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R146                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R150                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| *R156               | 1-215-435-00   | METAL, CHIP 3.9k 1% 1/6W    |
|                     | 1-216-665-11   | METAL, CHIP 3.9k 0.5% 1/10W |
| *R203               | 1-208-799-11   | METAL, CHIP 5.1k 0.5% 1/10W |
| *R204               | 1-208-799-11   | METAL, CHIP 5.1k 0.5% 1/10W |
| R205                | 1-216-642-11   | METAL, CHIP 430 0.5% 1/10W  |
| R206                | 1-216-641-11   | METAL, CHIP 390 0.5% 1/10W  |
| *R207               | 1-216-633-11   | METAL, CHIP 180 0.5% 1/10W  |
| R208                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R209                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R210                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R211                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R212                | 1-216-061-00   | METAL, CHIP 3.3k 5% 1/10W   |
| R213                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R214                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R215                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R216                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R217                | 1-216-025-91   | METAL, CHIP 100 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (AR-14A BOARD(for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R218                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R219-222            | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R223               | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R224                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R225                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R226                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R227               | 1-215-444-00   | METAL, CHIP 9.1k 1% 1/6W    |
|                     | 1-216-674-11   | METAL, CHIP 9.1k 0.5% 1/10W |
| R228                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R229                | 1-216-109-00   | METAL, CHIP 330k 5% 1/10W   |
| R230                | 1-216-095-00   | METAL, CHIP 82k 5% 1/10W    |
| R231                | 1-216-295-91   | RES, CHIP 0                 |
| R232                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R233                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R234                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R235                | 1-216-009-00   | METAL, CHIP 22 5% 1/10W     |
| R236                | 1-216-045-00   | METAL, CHIP 680 5% 1/10W    |
| R237                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R238                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R239                | Δ 1-215-905-11 | METAL, CHIP 5% 3W           |
| R240                | Δ 1-215-905-11 | METAL, CHIP 5% 3W           |
| R241                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R242                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R243                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R246                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R250                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| *R256               | 1-215-435-00   | METAL, CHIP 3.9k 1% 1/6W    |
|                     | 1-216-665-11   | METAL, CHIP 3.9k 0.5% 1/10W |
| R301                | 1-216-121-91   | METAL, CHIP 1M 5% 1/10W     |
| R302                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R303                | 1-216-677-11   | METAL, CHIP 12k 0.5% 1/10W  |
| R304                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-208-803-11   | METAL, CHIP 7.5k 0.5% 1/10W |
| R306                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R307                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R308                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R309                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R310                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R311                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R314                | 1-216-081-00   | METAL, CHIP 22k 5% 1/10W    |
| R315                | 1-216-689-11   | METAL, CHIP 39k 0.5% 1/10W  |
| R316                | 1-208-806-11   | METAL, CHIP 10k 0.5% 1/10W  |
| R317                | 1-216-673-11   | METAL, CHIP 8.2k 0.5% 1/10W |
| R318                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R319                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R321                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R322                | 1-216-085-00   | METAL, CHIP 33k 5% 1/10W    |
| R323                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R324                | 1-216-081-00   | METAL, CHIP 22k 5% 1/10W    |
| R325                | 1-216-689-11   | METAL, CHIP 39k 0.5% 1/10W  |
| R326                | 1-208-806-11   | METAL, CHIP 10k 0.5% 1/10W  |
| R327                | 1-216-673-11   | METAL, CHIP 8.2k 0.5% 1/10W |
| R328                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R329                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R330                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |

## (AR-14A BOARD(for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| R331                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W |
| R332                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W  |
| *RV106              | 1-241-785-11 | RES, ADJ METAL 10k        |
|                     | 1-241-783-11 | RES, ADJ METAL 2.2k       |
| RV107               | 1-241-786-11 | RES, ADJ METAL 22k        |
| *RV206              | 1-241-785-11 | RES, ADJ METAL 10k        |
|                     | 1-241-783-11 | RES, ADJ METAL 2.2k       |
| RV207               | 1-241-786-11 | RES, ADJ METAL 22k        |
| RV301               | 1-241-765-11 | RES, ADJ METAL 22k        |
| RV302               | 1-241-765-11 | RES, ADJ METAL 22k        |
| S103                | 1-570-602-11 | SWITCH, DIP 2-CKT         |
| S203                | 1-570-602-11 | SWITCH, DIP 2-CKT         |
| T101                | 1-423-870-11 | TRANSFORMER, BIAS OSC     |
| T201                | 1-423-870-11 | TRANSFORMER, BIAS OSC     |
| *TH1                | 1-800-199-00 | THERMISTOR S-1250         |
|                     | 1-807-972-11 | THERMISTOR SV-1715 1.25k  |
| *TH2                | 1-800-199-00 | THERMISTOR S-1250         |
|                     | 1-807-972-11 | THERMISTOR SV-1715 1.25k  |
| X301                | 1-567-861-21 | CRYSTAL 4.194304MHz       |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## AR-14AP BOARD (for UVW-1400P, PAL)

| Ref. No.<br>or Q'ty                  | Part No.     | SP Description                   |
|--------------------------------------|--------------|----------------------------------|
| AR-14AP board is used for UVW-1400P. |              |                                  |
| 1pc                                  | A-8275-609-A | o MOUNTED CIRCUIT BOARD, AR-14AP |
| 1pc                                  | 3-179-084-01 | s LEVER (R), PC BOARD            |
| 1pc                                  | 3-179-085-01 | s LEVER (L), PC BOARD            |

|     |              |                              |
|-----|--------------|------------------------------|
| C1  | 1-163-137-00 | s CERAMIC, CHIP 680pF 5% 50V |
| C8  | 1-126-964-11 | s ELECT 100uF 20% 50V        |
| C9  | 1-126-964-11 | s ELECT 100uF 20% 50V        |
| C10 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C11 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |

|        |              |                             |
|--------|--------------|-----------------------------|
| C12    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C13    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C14    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C15    | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C16-20 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |

|      |              |                                |
|------|--------------|--------------------------------|
| C21  | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C101 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C102 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C103 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C104 | 1-126-950-11 | s ELECT 330uF 20% 35V          |

|      |              |                             |
|------|--------------|-----------------------------|
| C105 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C106 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C107 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C108 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C109 | 1-126-947-11 | s ELECT 47uF 20% 35V        |

|      |              |                              |
|------|--------------|------------------------------|
| C110 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C111 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C112 | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C113 | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C114 | 1-131-353-00 | s TANTALUM 10uF 10% 35V      |

|      |              |                             |
|------|--------------|-----------------------------|
| C115 | 1-130-476-00 | s MYLAR 0.0027uF 5% 50V     |
| C116 | 1-130-474-00 | s MYLAR 0.0018uF 5% 50V     |
| C117 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C119 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V      |
| C120 | 1-130-476-00 | s MYLAR 0.0027uF 5% 50V     |

|       |              |                                |
|-------|--------------|--------------------------------|
| C121  | 1-130-494-11 | s MYLAR 0.082uF 5% 50V         |
| C122  | 1-126-964-11 | s ELECT 100uF 20% 50V          |
| C123  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C124  | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| *C125 | 1-136-439-11 | s FILM 330pF 5% 630V           |

|       |              |                      |
|-------|--------------|----------------------|
| *C126 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C127 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C128 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C129 | 1-136-438-11 | s FILM 270pF 5% 630V |
|       | 1-136-478-11 | s FILM 470pF 5% 630V |

|      |              |                                |
|------|--------------|--------------------------------|
| C130 | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C201 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C202 | 1-126-947-11 | s ELECT 47uF 20% 35V           |
| C203 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C204 | 1-126-950-11 | s ELECT 330uF 20% 35V          |

|      |              |                             |
|------|--------------|-----------------------------|
| C205 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C206 | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V |
| C207 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C208 | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V |
| C209 | 1-126-947-11 | s ELECT 47uF 20% 35V        |

|      |              |                              |
|------|--------------|------------------------------|
| C210 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C211 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C212 | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C213 | 1-126-933-11 | s ELECT 100uF 20% 16V        |

## (AR-14AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C214                | 1-131-353-00 | s TANTALUM 10uF 10% 35V     |
| C215                | 1-130-476-00 | s MYLAR 0.0027uF 5% 50V     |
| C216                | 1-130-474-00 | s MYLAR 0.0018uF 5% 50V     |
| C217                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C219                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V      |

|      |              |                                |
|------|--------------|--------------------------------|
| C220 | 1-130-476-00 | s MYLAR 0.0027uF 5% 50V        |
| C221 | 1-130-494-11 | s MYLAR 0.082uF 5% 50V         |
| C222 | 1-126-964-11 | s ELECT 100uF 20% 50V          |
| C223 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C224 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |

|       |              |                      |
|-------|--------------|----------------------|
| *C225 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C226 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C227 | 1-136-439-11 | s FILM 330pF 5% 630V |
| *C228 | 1-136-439-11 | s FILM 330pF 5% 630V |

|       |              |                      |
|-------|--------------|----------------------|
| *C229 | 1-136-438-11 | s FILM 270pF 5% 630V |
|       | 1-136-478-11 | s FILM 470pF 5% 630V |

|      |              |                              |
|------|--------------|------------------------------|
| C230 | 1-126-964-11 | s ELECT 100uF 20% 50V        |
| C301 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V  |
| C302 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V  |
| C303 | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V |
| C305 | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V |

|      |              |                                |
|------|--------------|--------------------------------|
| C307 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C308 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C309 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C312 | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C313 | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |

|       |              |                                |
|-------|--------------|--------------------------------|
| C322  | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C323  | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| *C364 | 1-109-900-11 | s CERAMIC, CHIP 470pF 5% 200V  |
| *C374 | 1-109-900-11 | s CERAMIC, CHIP 470pF 5% 200V  |

|       |              |                             |
|-------|--------------|-----------------------------|
| CN112 | 1-573-600-21 | s CONNECTOR, PHC 100P, MALE |
|-------|--------------|-----------------------------|

|      |              |                |
|------|--------------|----------------|
| D1   | 8-719-123-85 | s DIODE 1SS304 |
| D101 | 8-719-941-23 | s DIODE DA204U |
| D102 | 8-719-941-23 | s DIODE DA204U |
| D103 | 8-719-941-23 | s DIODE DA204U |
| D201 | 8-719-941-23 | s DIODE DA204U |

|      |              |                   |
|------|--------------|-------------------|
| D202 | 8-719-941-23 | s DIODE DA204U    |
| D203 | 8-719-941-23 | s DIODE DA204U    |
| D301 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D302 | 8-719-123-82 | s DIODE 1SS303-T1 |
| D303 | 8-719-123-82 | s DIODE 1SS303-T1 |

|       |              |                   |
|-------|--------------|-------------------|
| D304  | 8-719-157-23 | s DIODE RD4.7M-B  |
| D305  | 8-719-123-82 | s DIODE 1SS303-T1 |
| D306  | 8-719-157-23 | s DIODE RD4.7M-B  |
| *D401 | 8-719-123-82 | s DIODE 1SS303-T1 |
| *D402 | 8-719-123-82 | s DIODE 1SS303-T1 |

|     |              |                 |
|-----|--------------|-----------------|
| IC1 | 8-759-140-53 | s IC UPD4053BC  |
| IC3 | 8-759-917-18 | s IC SN74HC04AN |
| IC5 | 8-759-168-20 | s IC TA78L05    |
| IC6 | 8-759-700-68 | s IC NM79L08A   |
| IC7 | 8-759-168-20 | s IC TA78L05    |

|       |              |                 |
|-------|--------------|-----------------|
| IC101 | 8-759-705-58 | s IC NJM4558D-D |
| IC102 | 8-759-705-58 | s IC NJM4558D-D |
| IC103 | 8-759-705-58 | s IC NJM4558D-D |
| IC104 | 8-759-705-58 | s IC NJM4558D-D |
| IC201 | 8-759-705-58 | s IC NJM4558D-D |

|       |              |                 |
|-------|--------------|-----------------|
| IC202 | 8-759-705-58 | s IC NJM4558D-D |
|-------|--------------|-----------------|

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (AR-14AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.         | SP Description              |
|---------------------|------------------|-----------------------------|
| IC203               | 8-759-705-58 s   | IC NJM45580-D               |
| IC204               | 8-759-705-58 s   | IC NJM45580-D               |
| IC301               | 8-759-917-18 s   | IC SN74HC04AN               |
| IC302               | 8-759-917-37 s   | IC MC74HC042AN              |
| IC303               | 8-759-938-14 s   | IC MC74HC0458AN             |
| IC304               | 8-759-916-16 s   | IC MC74HC08AN               |
| IC305               | 8-759-921-19 s   | IC SN74HC161N               |
| IC306               | 8-759-932-81 s   | IC MC74HC74N                |
| IC307               | 8-759-917-18 s   | IC SN74HC04AN               |
| IC308               | 8-759-916-16 s   | IC MC74HC08AN               |
| IC309               | 8-759-135-80 s   | IC UPC358C                  |
| L1                  | 1-410-470-11 s   | INDUCTOR 10uH               |
| L2                  | 1-410-470-11 s   | INDUCTOR 10uH               |
| L101                | 1-410-478-11 s   | INDUCTOR 47uH               |
| L201                | 1-410-478-11 s   | INDUCTOR 47uH               |
| LV101               | 1-410-853-21 s   | COIL, VAR 4.5uH             |
| LV201               | 1-410-853-21 s   | COIL, VAR 4.5uH             |
| PS1                 | △ 1-532-727-11 s | LINK, IC 0.25A              |
| PS2                 | △ 1-532-727-11 s | LINK, IC 0.25A              |
| Q1                  | 8-729-117-32 s   | TRANSISTOR 2SC4177          |
| Q2                  | 8-729-140-63 s   | TRANSISTOR 2SA1611-MEM6     |
| Q101                | 8-729-209-06 s   | TRANSISTOR 2SC4213-A        |
| Q102                | 8-729-905-18 s   | TRANSISTOR DTC144EU         |
| Q103                | 8-729-905-12 s   | TRANSISTOR DTA144EU         |
| Q104                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| Q105                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| Q201                | 8-729-209-06 s   | TRANSISTOR 2SC4213-A        |
| Q202                | 8-729-905-18 s   | TRANSISTOR DTC144EU         |
| Q203                | 8-729-905-12 s   | TRANSISTOR DTA144EU         |
| Q204                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| Q205                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| Q301                | 8-729-203-30 s   | TRANSISTOR 2SJ106Y          |
| Q302                | 8-729-140-93 s   | TRANSISTOR 2SB733-34        |
| Q303                | 8-729-203-30 s   | TRANSISTOR 2SJ106Y          |
| Q304                | 8-729-140-93 s   | TRANSISTOR 2SB733-34        |
| Q305                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| Q306                | 8-729-140-98 s   | TRANSISTOR 2SD773-3         |
| *R1                 | 1-216-686-11 s   | METAL, CHIP 30k 0.5% 1/10W  |
|                     | 1-216-682-11 s   | METAL, CHIP 20k 0.5% 1/10W  |
| *R2                 | 1-216-686-11 s   | METAL, CHIP 30k 0.5% 1/10W  |
|                     | 1-216-682-11 s   | METAL, CHIP 20k 0.5% 1/10W  |
| R3                  | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R4                  | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R5                  | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R6                  | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R7                  | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R8                  | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R9                  | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R18-25              | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R26                 | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R27                 | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R103                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R104                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R105                | 1-216-642-11 s   | METAL, CHIP 430 0.5% 1/10W  |
| R106                | 1-216-641-11 s   | METAL, CHIP 390 0.5% 1/10W  |
| R107                | 1-216-633-11 s   | METAL, CHIP 180 0.5% 1/10W  |

## (AR-14AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.         | SP Description              |
|---------------------|------------------|-----------------------------|
| R108                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R109                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R110                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R111                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R112                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R113                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R114                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R115                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R116                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R117                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R118                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R119                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R120                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R121                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R122                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| *R123               | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R124                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R125                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R126                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| *R127               | 1-215-444-00 s   | METAL, CHIP 1k 1% 1/6W      |
|                     | 1-216-673-11 s   | METAL, CHIP 8.2k 0.5% 1/10W |
| R128                | 1-216-071-00 s   | METAL, CHIP 8.2k 5% 1/10W   |
| R130                | 1-216-095-00 s   | METAL, CHIP 82k 5% 1/10W    |
| R131                | 1-216-295-91 s   | RES, CHIP 0                 |
| R132                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R133                | 1-216-041-00 s   | METAL, CHIP 470 5% 1/10W    |
| R134                | 1-216-041-00 s   | METAL, CHIP 470 5% 1/10W    |
| R135                | 1-216-009-00 s   | METAL, CHIP 22 5% 1/10W     |
| R136                | 1-216-045-00 s   | METAL, CHIP 680 5% 1/10W    |
| R137                | 1-216-077-00 s   | METAL, CHIP 15k 5% 1/10W    |
| R138                | 1-216-089-91 s   | METAL, CHIP 47k 5% 1/10W    |
| R139                | △ 1-215-905-11 s | METAL 10 5% 3W              |
| R140                | △ 1-215-905-11 s | METAL 10 5% 3W              |
| R141                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R142                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R143                | 1-216-089-91 s   | METAL, CHIP 47k 5% 1/10W    |
| R146                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |
| R150                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| *R156               | 1-215-435-00 s   | METAL 3.9k 1% 1/6W          |
|                     | 1-216-659-11 s   | METAL, CHIP 2.2k 0.5% 1/10W |
| R203                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R204                | 1-208-799-11 s   | METAL, CHIP 5.1k 0.5% 1/10W |
| R205                | 1-216-642-11 s   | METAL, CHIP 430 0.5% 1/10W  |
| R206                | 1-216-641-11 s   | METAL, CHIP 390 0.5% 1/10W  |
| R207                | 1-216-633-11 s   | METAL, CHIP 180 0.5% 1/10W  |
| R208                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R209                | 1-216-097-91 s   | METAL, CHIP 100k 5% 1/10W   |
| R210                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R211                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R212                | 1-216-061-00 s   | METAL, CHIP 3.3k 5% 1/10W   |
| R213                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R214                | 1-216-049-91 s   | METAL, CHIP 1k 5% 1/10W     |
| R215                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R216                | 1-216-065-00 s   | METAL, CHIP 4.7k 5% 1/10W   |
| R217                | 1-216-025-91 s   | METAL, CHIP 100 5% 1/10W    |
| R218                | 1-216-057-00 s   | METAL, CHIP 2.2k 5% 1/10W   |
| R219                | 1-216-073-00 s   | METAL, CHIP 10k 5% 1/10W    |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (AR-14AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R220                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R221                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R222                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R223               | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
|                     | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R224                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R225                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R226                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| *R227               | 1-216-444-00   | METAL, CHIP 9.1k 1% 1/6W    |
|                     | 1-216-673-11   | METAL, CHIP 8.2k 0.5% 1/10W |
| R228                | 1-216-071-00   | METAL, CHIP 8.2k 5% 1/10W   |
| R230                | 1-216-095-00   | METAL, CHIP 82k 5% 1/10W    |
| R231                | 1-216-295-91   | RES, CHIP 0                 |
| R232                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R233                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R234                | 1-216-041-00   | METAL, CHIP 470 5% 1/10W    |
| R235                | 1-216-009-00   | METAL, CHIP 22 5% 1/10W     |
| R236                | 1-216-045-00   | METAL, CHIP 680 5% 1/10W    |
| R237                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R238                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R239                | △ 1-215-905-11 | METAL 10 5% 3W              |
| R240                | △ 1-215-905-11 | METAL 10 5% 3W              |
| R241                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R242                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R243                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R246                | 1-216-073-00   | METAL, CHIP 10k 5% 1/10W    |
| R250                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| *R256               | 1-215-435-00   | METAL 3.9k 1% 1/6W          |
|                     | 1-216-659-11   | METAL, CHIP 2.2k 0.5% 1/10W |
| R301                | 1-216-121-91   | METAL, CHIP 1M 5% 1/10W     |
| R302                | 1-216-097-91   | METAL, CHIP 100k 5% 1/10W   |
| R303                | 1-216-677-11   | METAL, CHIP 12k 0.5% 1/10W  |
| R304                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R305                | 1-208-803-11   | METAL, CHIP 7.5k 0.5% 1/10W |
| R306                | 1-216-049-91   | METAL, CHIP 1k 5% 1/10W     |
| R307                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R308                | 1-216-089-91   | METAL, CHIP 47k 5% 1/10W    |
| R309                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R310                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R311                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R314                | 1-216-081-00   | METAL, CHIP 22k 5% 1/10W    |
| R315                | 1-216-689-11   | METAL, CHIP 39k 0.5% 1/10W  |
| R316                | 1-208-806-11   | METAL, CHIP 10k 0.5% 1/10W  |
| R317                | 1-216-673-11   | METAL, CHIP 8.2k 0.5% 1/10W |
| R318                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R319                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R320                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |
| R321                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R322                | 1-216-085-00   | METAL, CHIP 33k 5% 1/10W    |
| R323                | 1-216-065-00   | METAL, CHIP 4.7k 5% 1/10W   |
| R324                | 1-216-081-00   | METAL, CHIP 22k 5% 1/10W    |
| R325                | 1-216-689-11   | METAL, CHIP 39k 0.5% 1/10W  |
| R326                | 1-208-806-11   | METAL, CHIP 10k 0.5% 1/10W  |
| R327                | 1-216-673-11   | METAL, CHIP 8.2k 0.5% 1/10W |
| R328                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R329                | 1-216-077-00   | METAL, CHIP 15k 5% 1/10W    |
| R330                | 1-216-057-00   | METAL, CHIP 2.2k 5% 1/10W   |

## (AR-14AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| R331                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W |
| R332                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W  |
| *R336               | 1-241-785-11 | RES, ADJ METAL 10k        |
|                     | 1-241-783-11 | RES, ADJ METAL 2.2k       |
| R337                | 1-241-786-11 | RES, ADJ METAL 22k        |
| *R338               | 1-241-785-11 | RES, ADJ METAL 10k        |
|                     | 1-241-783-11 | RES, ADJ METAL 2.2k       |
| R339                | 1-241-786-11 | RES, ADJ METAL 22k        |
| R340                | 1-241-765-11 | RES, ADJ METAL 22k        |
| R341                | 1-241-765-11 | RES, ADJ METAL 22k        |
| S103                | 1-570-602-11 | SWITCH, DIP 2-CKT         |
| S203                | 1-570-602-11 | SWITCH, DIP 2-CKT         |
| T101                | 1-423-870-11 | TRANSFORMER, BIAS OSC     |
| T201                | 1-423-870-11 | TRANSFORMER, BIAS OSC     |
| *TH1                | 1-800-199-00 | THERMISTOR S-1250         |
|                     | 1-807-796-11 | THERMISTOR 10k            |
| *TH2                | 1-800-199-00 | THERMISTOR S-1250         |
|                     | 1-807-796-11 | THERMISTOR 10k            |
| X301                | 1-567-861-21 | CRYSTAL 4.194304MHz       |

Ref. No.  
or Q'ty Part No. SP Description

Two CL-25 boards are used in UVW-1400P/1200P/1200CP.  
One board has the following parts.

|       |              |                              |     |
|-------|--------------|------------------------------|-----|
| *1pc  | 1-640-170-13 | PRINTED CIRCUIT BOARD, CL-25 | *18 |
| 1pc   | 3-171-424-01 | HOLDER, SENSOR               |     |
| C1    | 1-161-051-00 | CERAMIC 0.01uF 10K 50V       |     |
| CN930 | 1-564-011-11 | CONNECTOR 12P, MALE          |     |
| CN931 | 1-564-001-11 | CONNECTOR 2P, MALE           |     |
| CN933 | 1-573-599-11 | CONNECTOR 5P, FEMALE         |     |
| CN935 | 1-564-001-11 | CONNECTOR 2P, MALE           |     |
| D1    | 8-719-938-07 | LED GL480, INFRARED          |     |
| D2    | 8-719-938-07 | LED GL480, INFRARED          |     |
| Q1    | 8-729-903-81 | PHOTOTRANSISTOR PT480        |     |
| Q2    | 8-729-903-81 | PHOTOTRANSISTOR PT480        |     |
| R1    | 1-247-825-31 | CARBON 560 5% 1/4W           |     |
| R2    | 1-247-825-31 | CARBON 560 5% 1/4W           |     |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400P/1400P/1200P/1200CP

## CL-29 BOARD

Ref. No.  
or Q'ty Part No. SP Description

Two CL-29 boards are used in UVW-1400/1400P/1200/1200P.  
One board has the following parts.

|       |              |                                |     |
|-------|--------------|--------------------------------|-----|
| *1pc  | A-8276-626-B | o MOUNTED CIRCUIT BOARD, CL-29 | *19 |
| 1pc   | 3-171-424-02 | o HOLDER, SENSOR               |     |
| C1    | 1-161-051-00 | s CERAMIC 0.01uF 10% 50V       |     |
| CN930 | 1-564-011-11 | o CONNECTOR 12P, MALE          |     |
| CN931 | 1-506-467-11 | s CONNECTOR 2P, MALE           |     |
| CN933 | 1-573-599-11 | s CONNECTOR 5P, FEMALE         |     |
| CN935 | 1-506-467-11 | s CONNECTOR 2P, MALE           |     |
| D1    | 8-719-938-07 | s LED GL480, INFRARED          |     |
| D2    | 8-719-938-07 | s LED GL480, INFRARED          |     |
| Q1    | 8-729-903-81 | s PHOTOTRANSISTOR PT480        |     |
| Q2    | 8-729-903-81 | s PHOTOTRANSISTOR PT480        |     |
| R1    | 1-247-825-31 | s CARBON 560 5% 1/4W           |     |
| R2    | 1-247-825-31 | s CARBON 560 5% 1/4W           |     |

## CP-225B BOARD (for UVW-1400/1400P)

Ref. No.  
or Q'ty Part No. SP Description

CP-225B board is used for UVW-1400/1400P.

|        |              |                                     |    |
|--------|--------------|-------------------------------------|----|
| 1pc    | A-8276-862-A | o MOUNTED CIRCUIT BOARD, CP-225B    |    |
| C1     | 1-126-933-11 | s ELECT 100uF 20% 15V               |    |
| C2     | 1-126-933-11 | s ELECT 100uF 20% 15V               |    |
| C3     | 1-126-933-11 | s ELECT 100uF 20% 15V               |    |
| C5     | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |    |
| C6     | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |    |
| C7     | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |    |
| CN1    | 1-573-582-11 | s CONNECTOR, BNC, FEMALE            |    |
| CN2    | 1-573-582-11 | s CONNECTOR, BNC, FEMALE            |    |
| CN3    | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |    |
| CN6    | 1-573-582-11 | s CONNECTOR, BNC, FEMALE            |    |
| CN7    | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |    |
| CN9    | 1-766-596-11 | s JACK, PIN 1P                      |    |
| CN652  | 1-506-486-11 | s CONNECTOR 7P, MALE                |    |
| CN654  | 1-506-491-11 | s CONNECTOR 12P, MALE               |    |
| CN655  | 1-506-493-11 | s CONNECTOR 14P, MALE               |    |
| CN656  | 1-506-467-11 | s CONNECTOR 2P, MALE                |    |
| FL3    | 1-236-058-11 | s COMPOSITION CIRCUIT BLOCK         |    |
| FL4    | 1-236-058-11 | s COMPOSITION CIRCUIT BLOCK         |    |
| FL6    | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| FL7    | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| FL8    | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| FL9    | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| FL10   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| FL12   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |    |
| JW1-17 | 1-219-202-11 | s RES 0                             |    |
| Q1     | 8-729-117-32 | s TRANSISTOR 2SC4177                |    |
| Q2     | 8-729-117-32 | s TRANSISTOR 2SC4177                |    |
| *R1    | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           | *1 |
|        | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          | *2 |
| R2     | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |    |
| R3     | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |    |
| R4     | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |    |
| *R5    | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           | *1 |
|        | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          | *2 |
| R6     | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |    |
| R7     | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |    |
| R8     | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |    |
| R9     | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |    |
| R10    | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |    |
| R11-15 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W         |    |
| S1     | 1-570-157-51 | s SWITCH, SLIDE                     |    |
| S2     | 1-570-157-51 | s SWITCH, SLIDE                     |    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## CP-225C BOARD (for UVW-1200/1200P)

Ref. No.  
or Q'ty Part No. SP Description

CP-225C board is used for UVW-1200/1200P.

|       |              |                                     |
|-------|--------------|-------------------------------------|
| ipc   | A-8276-858-A | o MOUNTED CIRCUIT BOARD, CP-225C    |
| C1    | 1-126-933-11 | s ELECT 100uF 20% 16V               |
| C5    | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| C6    | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V     |
| CN1   | 1-573-582-11 | s CONNECTOR, BNC, FEMALE            |
| CN6   | 1-573-582-11 | s CONNECTOR, BNC, FEMALE            |
| CN7   | 1-573-590-13 | s CONNECTOR, CIRCULAR 4P(S), FEMALE |
| CN9   | 1-766-596-11 | s JACK, PIN 1P                      |
| CN652 | 1-506-486-11 | s CONNECTOR 7P, MALE                |
| CN655 | 1-506-493-11 | s CONNECTOR 14P, MALE               |
| CN656 | 1-506-467-11 | s CONNECTOR 2P, MALE                |
| FL6   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| FL7   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| FL8   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| FL9   | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| FL10  | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| FL12  | 1-236-129-11 | s ENCAPSULATED COMPONENTS, LC       |
| JW2   | 1-219-202-11 | s RES 0                             |
| JW8   | 1-219-202-11 | s RES 0                             |
| JW9   | 1-219-202-11 | s RES 0                             |
| JW13  | 1-219-202-11 | s RES 0                             |
| JW16  | 1-219-202-11 | s RES 0                             |
| Q1    | 8-729-117-32 | s TRANSISTOR 2SC4177                |
| *R1   | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |
|       | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W          |
| R2    | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W          |
| R3    | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W         |
| R4    | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W          |
| R9    | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W           |
| R17   | 1-216-295-91 | s RES, CHIP 0                       |
| S1    | 1-570-157-51 | s SWITCH, SLIDE                     |

## CP-226 BOARD (for UVW-1400(UC)/1400P)

Ref. No.  
or Q'ty Part No. SP Description

CP-226 board is used for UVW-1400(UC)/1400P.

|       |              |                                 |
|-------|--------------|---------------------------------|
| ipc   | A-8276-739-A | o MOUNTED CIRCUIT BOARD, CP-226 |
| C1    | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C21   | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| CN101 | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE     |
| CN102 | 1-750-785-11 | s CONNECTOR, XLR 3P, MALE       |
| CN274 | 1-506-486-11 | s CONNECTOR 7P, MALE            |
| CN275 | 1-506-485-11 | s CONNECTOR 6P, MALE            |
| CN276 | 1-506-467-11 | s CONNECTOR 2P, MALE            |
| R1    | 1-216-295-91 | s RES, CHIP 0                   |
| R2    | 1-216-295-91 | s RES, CHIP 0                   |
| R5    | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W    |
| R6    | 1-216-295-91 | s RES, CHIP 0                   |
| R7    | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R8    | 1-216-295-91 | s RES, CHIP 0                   |
| R11   | 1-216-295-91 | s RES, CHIP 0                   |
| R12   | 1-216-295-91 | s RES, CHIP 0                   |
| R21   | 1-216-295-91 | s RES, CHIP 0                   |
| R22   | 1-216-295-91 | s RES, CHIP 0                   |
| R25   | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W    |
| R27   | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R28   | 1-216-295-91 | s RES, CHIP 0                   |
| R31   | 1-216-295-91 | s RES, CHIP 0                   |
| S1    | 1-570-157-11 | s SWITCH, SLIDE                 |
| S2    | 1-570-157-11 | s SWITCH, SLIDE                 |
| *T1   | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT     |
| *T2   | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT     |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## CP-226A BOARD (for UVW-1200(UC)/1200P)

Ref. No.  
or Q'ty Part No. SP Description

CP-226A board is used for UVW-1200(UC)/1200P.

1pc A-8276-733-A o MOUNTED CIRCUIT BOARD, CP-226A

C1 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C21 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

CN102 1-750-785-11 s CONNECTOR, XLR 3P, MALE  
CN274 1-506-486-11 s CONNECTOR 7P, MALE  
CN276 1-506-467-11 s CONNECTOR 2P, MALE

R7 1-216-025-91 s METAL, CHIP 100 5% 1/10W  
R8 1-216-295-91 s RES, CHIP 0  
R11 1-216-295-91 s RES, CHIP 0  
R12 1-216-295-91 s RES, CHIP 0  
R27 1-216-025-91 s METAL, CHIP 100 5% 1/10W

R28 1-216-295-91 s RES, CHIP 0  
R31 1-216-295-91 s RES, CHIP 0

T1 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT  
T2 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT

## CP-226J BOARD (for UVW-1400(J))

Ref. No.  
or Q'ty Part No. SP Description

CP-226J board is used for UVW-1400(J).

1pc A-8276-762-A o MOUNTED CIRCUIT BOARD, CP-226J

C1 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V  
C21 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V

CN101 1-750-785-11 s CONNECTOR, XLR 3P, MALE  
CN102 1-750-786-11 s CONNECTOR, XLR 3P, FEMALE  
CN274 1-506-486-11 s CONNECTOR 7P, MALE  
CN275 1-506-485-11 s CONNECTOR 6P, MALE  
CN276 1-506-467-11 s CONNECTOR 2P, MALE

R3 1-216-295-91 s RES, CHIP 0  
R4 1-216-295-91 s RES, CHIP 0  
R5 1-216-646-11 s METAL, CHIP 620 0.5% 1/10W  
R6 1-216-295-91 s RES, CHIP 0  
R7 1-216-025-91 s METAL, CHIP 100 5% 1/10W

R9 1-216-295-91 s RES, CHIP 0  
R10 1-216-295-91 s RES, CHIP 0  
R12 1-216-295-91 s RES, CHIP 0  
R23 1-216-295-91 s RES, CHIP 0  
R24 1-216-295-91 s RES, CHIP 0

R25 1-216-646-11 s METAL, CHIP 620 0.5% 1/10W  
R27 1-216-025-91 s METAL, CHIP 100 5% 1/10W  
R29 1-216-295-91 s RES, CHIP 0  
R30 1-216-295-91 s RES, CHIP 0

S1 1-570-157-11 s SWITCH, SLIDE  
S2 1-570-157-11 s SWITCH, SLIDE

T1 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT  
T2 1-427-586-11 s TRANSFORMER, INPUT/OUTPUT

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## CP-226AJ BOARD(for UWV-1200(J))

| Ref. No.<br>or Q'ty                     | Part No.     | SP Description                    |
|-----------------------------------------|--------------|-----------------------------------|
| CP-226AJ board is used for UWV-1200(J). |              |                                   |
| 1pc                                     | A-8276-763-A | o MOUNTED CIRCUIT BOARD, CP-226AJ |
| C1                                      | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V   |
| C21                                     | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V   |
| CN102                                   | 1-750-786-11 | s CONNECTOR, XLR 3P, FEMALE       |
| CN274                                   | 1-506-486-11 | s CONNECTOR 7P, MALE              |
| CN276                                   | 1-506-467-11 | s CONNECTOR 2P, MALE              |
| R7                                      | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W        |
| R9                                      | 1-216-295-91 | s RES, CHIP 0                     |
| R10                                     | 1-216-295-91 | s RES, CHIP 0                     |
| R12                                     | 1-216-295-91 | s RES, CHIP 0                     |
| R27                                     | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W        |
| R29                                     | 1-216-295-91 | s RES, CHIP 0                     |
| R30                                     | 1-216-295-91 | s RES, CHIP 0                     |
| T1                                      | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT       |
| T2                                      | 1-427-586-11 | s TRANSFORMER, INPUT/OUTPUT       |

## CP-239 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8276-865-A | o MOUNTED CIRCUIT BOARD, CP-239 |
| CN503               | 1-764-121-31 | s CONNECTOR, D-SUB 25P, FEMALE  |
| CN532               | 1-563-462-11 | s CONNECTOR, FPC 17P            |
| C101                | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C102                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C103                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C104                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C151-155            | 1-126-096-11 | s ELECT 10uF 20% 35V            |
| C156                | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C201                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C202                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C203                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C204                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C205                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C206                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C207                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C208                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C209                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C210                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C211                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C212                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C251                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C252                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C253                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C254                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C255                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C256                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C257                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C258                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C259                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C260                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C261                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C264                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |

## DR-214 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8275-290-A | o MOUNTED CIRCUIT BOARD, DR-214 |
| 1pc                 | 3-531-576-21 | s RIVET                         |
| 1pc                 | 4-812-134-21 | s RIVET (DIA. 3.5), NYLON       |
| 6pcs                | 4-911-232-01 | s SHEET, INSULATING             |
| 1pc                 | 3-182-357-01 | o HEAT SINK (L), DR             |
| 1pc                 | 3-182-358-01 | o HEAT SINK (R), DR             |
| 1pc                 | 3-183-144-01 | o HEAT SINK (D), DR             |
| 16pcs               | 7-682-548-04 | s SCREW, +B3x8                  |
| C1                  | 1-126-940-11 | s ELECT 330uF 20% 25V           |
| C2                  | 1-126-940-11 | s ELECT 330uF 20% 25V           |
| C3                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C4                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C5                  | 1-124-589-11 | s ELECT 47uF 20% 16V            |
| C6                  | 1-125-404-00 | s DOUBLE LAYERS 0.47F 5.5V      |
| C7                  | 1-131-347-00 | s TANTALUM 1uF 10% 35V          |
| C8                  | 1-126-940-11 | s ELECT 330uF 20% 25V           |
| C51                 | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C52                 | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C53                 | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C54                 | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C55                 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C56                 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C57                 | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C58                 | 1-126-096-11 | s ELECT 10uF 20% 35V            |
| C59                 | 1-126-096-11 | s ELECT 10uF 20% 35V            |
| C60                 | 1-126-096-11 | s ELECT 10uF 20% 35V            |
| C61                 | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C62                 | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C101                | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C102                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C103                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C104                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C151-155            | 1-126-096-11 | s ELECT 10uF 20% 35V            |
| C156                | 1-164-095-11 | s CERAMIC 0.01uF 10% 16V        |
| C201                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C202                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C203                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C204                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C205                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C206                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C207                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C208                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C209                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C210                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C211                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C212                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C251                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C252                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C253                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C254                | 1-124-248-00 | s ELECT 22uF 20% 35V            |
| C255                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C256                | 1-130-489-00 | s MYLAR 0.033uF 5% 50V          |
| C257                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C258                | 1-164-097-11 | s CERAMIC 0.022uF 50V           |
| C259                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C260                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C261                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |
| C264                | 1-164-035-11 | s CERAMIC 47pF 5% 50V           |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UUV-1400/1400P/1200/1200P



## (DR-214 BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| C301                | 1-124-248-00 | ELECT 220F 20% 35V         |
| C303                | 1-130-491-00 | MYLAR 0.047uF 5% 50V       |
| C304                | 1-130-495-00 | MYLAR 0.1uF 5% 50V         |
| C305                | 1-126-160-11 | ELECT 10uF 20% 50V         |
| C306                | 1-126-096-11 | ELECT 10uF 20% 35V         |
| C308                | 1-164-097-11 | CERAMIC 0.022uF 50V        |
| C309                | 1-164-097-11 | CERAMIC 0.022uF 50V        |
| C310                | 1-161-494-00 | CERAMIC 0.022uF 25V        |
| C311                | 1-161-494-00 | CERAMIC 0.022uF 25V        |
| C313                | 1-130-491-00 | MYLAR 0.047uF 5% 50V       |
| C314                | 1-130-495-00 | MYLAR 0.1uF 5% 50V         |
| C315                | 1-130-495-00 | MYLAR 0.1uF 5% 50V         |
| C316                | 1-130-491-00 | MYLAR 0.047uF 5% 50V       |
| C317                | 1-130-477-00 | MYLAR 0.0033uF 5% 50V      |
| C318                | 1-162-290-31 | CERAMIC 470pF 10% 50V      |
| C319                | 1-130-477-00 | MYLAR 0.0033uF 5% 50V      |
| C320                | 1-126-096-11 | ELECT 10uF 20% 35V         |
| C321                | 1-162-290-31 | CERAMIC 470pF 10% 50V      |
| C322                | 1-162-282-31 | CERAMIC 100pF 10% 50V      |
| C323                | 1-162-282-31 | CERAMIC 100pF 10% 50V      |
| C324                | 1-126-096-11 | ELECT 10uF 20% 35V         |
| C325                | 1-161-494-00 | CERAMIC 0.022uF 25V        |
| C326                | 1-161-494-00 | CERAMIC 0.022uF 25V        |
| C327                | 1-161-494-00 | CERAMIC 0.022uF 25V        |
| C328                | 1-130-495-00 | MYLAR 0.1uF 5% 50V         |
| C331                | 1-130-487-00 | MYLAR 0.022uF 5% 50V       |
| C332                | 1-126-096-11 | ELECT 10uF 20% 35V         |
| C333                | 1-130-495-00 | MYLAR 0.1uF 5% 50V         |
| C335                | 1-130-491-00 | MYLAR 0.047uF 5% 50V       |
| C337                | 1-162-288-31 | CERAMIC 330pF 10% 50V      |
| C339                | 1-131-388-00 | TANTALUM 68uF 10% 6.3V     |
| C340                | 1-131-388-00 | TANTALUM 68uF 10% 6.3V     |
| C341                | 1-124-248-00 | ELECT 22uF 20% 35V         |
| C343                | 1-124-248-00 | ELECT 22uF 20% 35V         |
| C345                | 1-126-947-11 | ELECT 47uF 20% 35V         |
| C349                | 1-164-097-11 | CERAMIC 0.022uF 50V        |
| CN300               | 1-573-600-21 | CONNECTOR, PHCZ 100P, MALE |
| CN301               | 1-563-017-11 | CONNECTOR, FPC 30P         |
| CN302               | 1-563-017-11 | CONNECTOR, FPC 30P         |
| CN303               | 1-563-017-11 | CONNECTOR, FPC 30P         |
| D1                  | 8-719-986-73 | DIODE RB441C               |
| D151-156            | 8-719-200-02 | DIODE 10E2                 |
| D301                | 8-719-911-19 | DIODE 1SS119               |
| D302                | 8-719-911-19 | DIODE 1SS119               |
| D303                | 8-719-911-19 | DIODE 1SS119               |
| D304                | 8-719-911-19 | DIODE 1SS119               |
| D306                | 8-719-911-19 | DIODE 1SS119               |
| IC1                 | 8-759-603-69 | IC M51957BL                |
| IC51                | 8-759-106-41 | IC UPC4570C                |
| IC52                | 8-759-801-95 | IC LB1620                  |
| IC151               | 8-759-205-56 | IC TA7267P                 |
| IC152               | 8-759-205-56 | IC TA7267P                 |
| IC153               | 8-759-205-56 | IC TA7267P                 |
| IC201               | 8-759-106-41 | IC UPC4570C                |
| IC251               | 8-759-106-41 | IC UPC4570C                |
| IC301               | 8-759-106-41 | IC UPC4570C                |
| IC302               | 8-759-106-41 | IC UPC4570C                |

## (DR-214 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| IC303               | 8-759-729-03   | IC NJM2903D               |
| IC304               | 8-759-106-41   | IC UPC4570C               |
| IC305               | 8-759-106-41   | IC UPC4570C               |
| IC306               | 8-759-729-03   | IC NJM2903D               |
| IC307               | 8-759-140-53   | IC UPD4053BC              |
| IC308               | 8-759-800-72   | IC LA7205                 |
| IC310               | 8-743-914-00   | IC BX3914                 |
| IC311               | 8-759-705-58   | IC NJM4558D-D             |
| IC313               | 8-759-140-53   | IC UPD4053BC              |
| L1                  | 1-412-533-21   | INDUCTOR 47uH             |
| PS1                 | Δ 1-532-679-00 | LINK, IC 0.6A             |
| PS2                 | Δ 1-532-679-00 | LINK, IC 0.6A             |
| Q1                  | 8-729-900-89   | TRANSISTOR DTC144ES       |
| Q51                 | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q52                 | 8-729-021-83   | TRANSISTOR 2SA1020-Y-TPB6 |
| Q53                 | 8-729-400-12   | TRANSISTOR 2SB941-P       |
| Q101                | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q102                | 8-729-021-83   | TRANSISTOR 2SA1020-Y-TPB6 |
| Q103                | 8-729-400-12   | TRANSISTOR 2SB941-P       |
| Q151                | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q152                | 8-729-141-83   | TRANSISTOR 2SA473-Y       |
| Q153                | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q154                | 8-729-400-12   | TRANSISTOR 2SB941-P       |
| Q155                | 8-729-021-83   | TRANSISTOR 2SA1020-Y-TPB6 |
| Q201                | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q202                | 8-729-021-83   | TRANSISTOR 2SA1020-Y-TPB6 |
| Q203                | 8-729-102-47   | TRANSISTOR 2SA1141-Q      |
| Q204                | 8-729-102-57   | TRANSISTOR 2SC3012        |
| Q205                | 8-729-102-14   | TRANSISTOR 2SD1021-F      |
| Q206                | 8-729-205-02   | TRANSISTOR 2SA1150-Y      |
| Q207                | 8-729-102-47   | TRANSISTOR 2SA1141-Q      |
| Q208                | 8-729-102-57   | TRANSISTOR 2SC3012        |
| Q251                | 8-729-265-52   | TRANSISTOR 2SC2655-Y      |
| Q252                | 8-729-021-83   | TRANSISTOR 2SA1020-Y-TPB6 |
| Q253                | 8-729-102-47   | TRANSISTOR 2SA1141-Q      |
| Q254                | 8-729-102-57   | TRANSISTOR 2SC3012        |
| Q255                | 8-729-102-14   | TRANSISTOR 2SD1021-F      |
| Q256                | 8-729-205-02   | TRANSISTOR 2SA1150-Y      |
| Q257                | 8-729-102-47   | TRANSISTOR 2SA1141-Q      |
| Q258                | 8-729-102-57   | TRANSISTOR 2SC3012        |
| Q301                | 8-729-900-89   | TRANSISTOR DTC144ES       |
| Q302                | 8-729-900-89   | TRANSISTOR DTC144ES       |
| Q303                | 8-729-119-76   | TRANSISTOR 2SA1115P       |
| R1                  | Δ 1-215-860-11 | METAL 33 5% 1W            |
| R2                  | 1-215-461-00   | METAL 47k 1% 1/6W         |
| R3                  | 1-215-457-00   | METAL 50k 1% 1/6W         |
| R4                  | 1-249-437-11   | CARBON 47k 5% 1/4W        |
| *R51                | 1-249-429-11   | CARBON 10k 5% 1/4W        |
|                     | 1-215-445-00   | METAL 10k 1% 1/6W         |
| *R52                | 1-249-429-11   | CARBON 10k 5% 1/4W        |
|                     | 1-215-445-00   | METAL 10k 1% 1/6W         |
| R53                 | Δ 1-216-389-11 | METAL 1.5% 3W             |
| *R54                | 1-249-437-11   | CARBON 47k 5% 1/4W        |
|                     | 1-215-461-00   | METAL 47k 1% 1/6W         |
| *R55                | 1-249-437-11   | CARBON 47k 5% 1/4W        |
|                     | 1-215-461-00   | METAL 47k 1% 1/6W         |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UWV-1400/1400P/1200/1200P

## (DR-214 BOARD)

| Ref. No.<br>or Q'ty | Part No.         | SP Description      |
|---------------------|------------------|---------------------|
| R56                 | 1-249-393-11 s   | CARBON 10 5% 1/4W   |
| R57                 | 1-249-393-11 s   | CARBON 10 5% 1/4W   |
| R58                 | 1-249-393-11 s   | CARBON 10 5% 1/4W   |
| R59                 | 1-249-408-11 s   | CARBON 180 5% 1/4W  |
| R60                 | 1-249-406-11 s   | CARBON 120 5% 1/4W  |
| R101                | 1-247-887-00 s   | CARBON 220k 5% 1/4W |
| R102                | △ 1-215-863-11 s | METAL 100 5% 1W     |
| R103                | △ 1-215-863-11 s | METAL 100 5% 1W     |
| R104                | △ 1-216-383-11 s | METAL 0.33 5% 3W    |
| R105                | △ 1-216-365-00 s | METAL 0.47 5% 2W    |
| *R106               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   |
| *R107               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   |
| *R108               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   |
| *R109               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   |
| R151                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R152                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R153                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R154                | △ 1-215-866-11 s | METAL 330 5% 1W     |
| R155-160            | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R161                | 1-247-887-00 s   | CARBON 220k 5% 1/4W |
| R162                | △ 1-215-863-11 s | METAL 100 5% 1W     |
| R163                | △ 1-215-867-00 s | METAL 470 5% 1W     |
| R164                | 1-215-868-00 s   | METAL 880 5% 1W     |
| R165                | △ 1-216-383-11 s | METAL 0.33 5% 3W    |
| R166                | △ 1-216-383-11 s | METAL 0.33 5% 3W    |
| R167                | △ 1-216-383-11 s | METAL 0.33 5% 3W    |
| R168                | △ 1-216-385-11 s | METAL 0.47 5% 3W    |
| R201                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R202                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |
| R203                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |
| R204                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
| R205                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |
| R206                | △ 1-215-863-11 s | METAL 100 5% 1W     |
| R207                | △ 1-215-889-00 s | METAL 330 5% 2W     |
| R208                | △ 1-215-889-00 s | METAL 330 5% 2W     |
| R209                | △ 1-215-863-11 s | METAL 100 5% 1W     |
| R210                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |
| R211                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |
| R212                | △ 1-216-365-00 s | METAL 0.47 5% 2W    |
| *R213               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   |
| *R214               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   |
| *R215               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   |
| *R216               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   |
| *R217               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   |

## (DR-214 BOARD)

| Ref. No.<br>or Q'ty | Part No.         | SP Description      |     |
|---------------------|------------------|---------------------|-----|
| *R218               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| *R219               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  | *36 |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   | *37 |
| *R220               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| R221                | △ 1-216-365-00 s | METAL 0.47 5% 2W    |     |
| R251                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |     |
| R252                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R253                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R254                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |     |
| R255                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R256                | △ 1-215-863-11 s | METAL 100 5% 1W     |     |
| R257                | △ 1-215-889-00 s | METAL 330 5% 2W     |     |
| R258                | △ 1-215-889-00 s | METAL 330 5% 2W     |     |
| R259                | △ 1-215-863-11 s | METAL 100 5% 1W     |     |
| R260                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R261                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| *R262               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| R263                | △ 1-216-365-00 s | METAL 0.47 5% 2W    |     |
| *R264               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  | *36 |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   | *37 |
| *R265               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  | *36 |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   | *37 |
| *R266               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  | *36 |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   | *37 |
| *R267               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| *R268               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| *R269               | 1-249-429-11 s   | CARBON 10k 5% 1/4W  | *36 |
|                     | 1-215-445-00 s   | METAL 10k 1% 1/6W   | *37 |
| R270                | △ 1-216-365-00 s | METAL 0.47 5% 2W    |     |
| *R271               | 1-249-437-11 s   | CARBON 47k 5% 1/4W  | *36 |
|                     | 1-215-461-00 s   | METAL 47k 1% 1/6W   | *37 |
| R301                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R302                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R303                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R304                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R305                | 1-247-863-91 s   | CARBON 22k 5% 1/4W  |     |
| R306                | 1-247-863-91 s   | CARBON 22k 5% 1/4W  |     |
| *R307               | 1-247-885-00 s   | CARBON 180k 5% 1/4W | *36 |
|                     | 1-249-441-11 s   | CARBON 100k 5% 1/4W | *37 |
| R308                | 1-249-426-11 s   | CARBON 5.6k 5% 1/4W |     |
| R309                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |     |
| R310                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |     |
| R311                | 1-249-441-11 s   | CARBON 100k 5% 1/4W |     |
| R312                | 1-249-441-11 s   | CARBON 100k 5% 1/4W |     |
| R313                | 1-249-429-11 s   | CARBON 10k 5% 1/4W  |     |
| R314                | 1-247-863-91 s   | CARBON 22k 5% 1/4W  |     |
| R315                | 1-249-417-11 s   | CARBON 1k 5% 1/4W   |     |
| R316                | 1-247-895-91 s   | CARBON 470k 5% 1/4W |     |
| R317                | 1-249-421-11 s   | CARBON 2.2k 5% 1/4W |     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (DR-214 BOARD)

| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| R318                | 1-249-421-11   | s CARBON 2.2k 5% 1/4W |
| R319                | 1-215-429-00   | s METAL 2.2k 1% 1/6W  |
| R320                | 1-215-429-00   | s METAL 2.2k 1% 1/6W  |
| R321                | 1-215-461-00   | s METAL 47k 1% 1/6W   |
| R322                | 1-215-461-00   | s METAL 47k 1% 1/6W   |
| R323                | 1-249-426-11   | s CARBON 5.6k 5% 1/4W |
| R324                | 1-249-426-11   | s CARBON 5.6k 5% 1/4W |
| R325                | 1-215-481-00   | s METAL 330k 1% 1/6W  |
| R326                | 1-249-441-11   | s CARBON 100k 5% 1/4W |
| R327                | 1-249-435-11   | s CARBON 33k 5% 1/4W  |
| R328                | 1-249-441-11   | s CARBON 100k 5% 1/4W |
| R329                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R330                | 1-249-441-11   | s CARBON 100k 5% 1/4W |
| R331                | 1-249-435-11   | s CARBON 33k 5% 1/4W  |
| R332                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R333                | 1-249-441-11   | s CARBON 100k 5% 1/4W |
| R334                | 1-215-481-00   | s METAL 330k 1% 1/6W  |
| R335                | 1-247-903-00   | s CARBON 1M 5% 1/4W   |
| R336                | 1-247-903-00   | s CARBON 1M 5% 1/4W   |
| R337                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R338                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R339                | 1-249-437-11   | s CARBON 47k 5% 1/4W  |
| R340                | 1-249-425-11   | s CARBON 4.7k 5% 1/4W |
| R341                | 1-215-419-00   | s METAL 820 1% 1/6W   |
| R342                | 1-249-425-11   | s CARBON 4.7k 5% 1/4W |
| R343                | 1-249-437-11   | s CARBON 47k 5% 1/4W  |
| R344                | 1-215-461-00   | s METAL 47k 1% 1/6W   |
| R345                | 1-215-461-00   | s METAL 47k 1% 1/6W   |
| R346                | 1-249-418-11   | s CARBON 1.2k 5% 1/4W |
| R347                | 1-249-437-11   | s CARBON 47k 5% 1/4W  |
| R349                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R350                | 1-249-427-11   | s CARBON 6.8k 5% 1/4W |
| R351                | 1-259-882-11   | s CARBON 3.3M 5% 1/4W |
| R352                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R353                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R354                | 1-249-429-11   | s CARBON 10k 5% 1/4W  |
| R356                | 1-249-427-11   | s CARBON 6.8k 5% 1/4W |
| R357                | 1-249-425-11   | s CARBON 4.7k 5% 1/4W |
| R358                | △ 1-215-886-11 | s METAL 100 5% 2W     |

## HP-61 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |    |
|---------------------|--------------|--------------------------------|----|
| *1pc                | 1-648-917-11 | o PRINTED CIRCUIT BOARD, HP-61 | *8 |
|                     | 1-648-917-12 | o PRINTED CIRCUIT BOARD, HP-61 | *9 |
| CN401               | 1-506-475-11 | s CONNECTOR 10P, MALE          |    |
| CN403               | 1-506-468-11 | s CONNECTOR 3P, MALE           |    |
| *J1                 | 1-507-863-51 | s JACK, PHONE                  | *8 |
|                     | 1-565-327-11 | s JACK, PHONE STEREO           | *9 |
| J2                  | 1-507-743-21 | s JACK, MINI STEREO            |    |
| JW1                 | 1-219-202-11 | s RES 0                        |    |
| JW2                 | 1-219-202-11 | s RES 0                        |    |
| RV1                 | 1-241-577-11 | s RES, VAR CARBON 20k/20k      |    |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## KY-290 BOARD (for UWV-1400/1400P)

Ref. No.  
or Q'ty Part No. SP Description

KY-290 board is used for UWV-1400/1400P.

1pc A-8275-577-A o MOUNTED CIRCUIT BOARD, KY-290  
1pc 3-182-359-02 o HOLDER, VFD

C1 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C6 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C7 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C8 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C14 1-126-400-11 s ELECT, CHIP 22uF 20% 35V

C15 1-126-400-11 s ELECT, CHIP 22uF 20% 35V  
C16-20 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C21 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C22 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C31 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

C32 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

CN590 1-506-494-11 s CONNECTOR 15P, MALE  
CN591 1-563-003-21 o CONNECTOR, PFC 20P  
CN592 1-564-014-11 s CONNECTOR 4P, MALE  
CN593 1-563-003-21 o CONNECTOR, PFC 20P

D1 8-719-123-85 s DIODE 1SS304  
D2-12 8-719-123-82 s DIODE 1SS303-T1

IC1 8-759-505-99 s IC MSC7128-04GS-V1K  
IC3 8-759-194-79 s IC UPO750286C-542-ABS  
IC6 8-759-925-74 s IC TC74HC04ANS

ND1 1-517-246-11 s UNIT, FLD

Q1-8 8-729-924-19 s TRANSISTOR DTA123JU  
Q9-33 8-729-905-12 s TRANSISTOR DTA144EU  
Q34 8-729-924-19 s TRANSISTOR DTA123JU  
Q35 8-729-924-19 s TRANSISTOR DTA123JU  
Q36-41 8-729-905-12 s TRANSISTOR DTA144EU

Q42 8-729-924-19 s TRANSISTOR DTA123JU

R3 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R4 1-216-081-00 s METAL, CHIP 22k 5% 1/10W  
R5 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R6 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R7 1-216-073-00 s METAL, CHIP 10k 5% 1/10W

R8 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  
R10-19 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  
R22 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R23 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R25 1-216-027-00 s METAL, CHIP 120 5% 1/10W

R26 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R27 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R28 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R29-63 1-216-103-00 s METAL, CHIP 180k 5% 1/10W  
\*R76 1-216-691-11 s METAL, CHIP 47k 0.5% 1/10W \*20  
1-216-687-11 s METAL, CHIP 33k 0.5% 1/10W \*21

R77-82 1-216-083-00 s METAL, CHIP 27k 5% 1/10W  
R83 1-216-103-00 s METAL, CHIP 180k 5% 1/10W  
R91 1-216-049-91 s METAL, CHIP 1k 5% 1/10W  
R92 1-216-049-91 s METAL, CHIP 1k 5% 1/10W

S1 1-692-892-11 s SWITCH, PUSH  
S2 1-692-892-21 s SWITCH, PUSH  
S3 1-692-890-41 s SWITCH, PUSH  
S4 1-692-890-31 s SWITCH, PUSH

## (KY-290 BOARD (for UWV-1400/1400P))

Ref. No.  
or Q'ty Part No. SP Description

S5 1-692-890-21 s SWITCH, PUSH  
S7 1-692-891-21 s SWITCH, PUSH  
S8-15 1-571-787-31 s SWITCH, PUSH  
S16 1-572-992-11 s SWITCH, SLIDE  
S17 1-572-992-11 s SWITCH, SLIDE

S18 1-571-787-31 s SWITCH, PUSH  
S20 1-571-640-21 s SWITCH, SLIDE  
S21 1-571-640-21 s SWITCH, SLIDE  
S22 1-571-640-21 s SWITCH, SLIDE  
S23 1-571-640-21 s SWITCH, SLIDE

X1 1-577-101-11 s RESONATOR, CERAMIC 4.19MHz

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UWV-1400/1400P/1200/1200P

## KY-290A BOARD (for UVW-1200/1200P)

Ref. No.  
or Q'ty Part No. SP Description

KY-290A board is used for UVW-1200/1200P.

1pc A-8275-569-A o MOUNTED CIRCUIT BOARD, KY-290A  
1pc 3-182-359-02 o HOLDER, VFD

C1 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C6 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C7 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C8 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C14 1-126-400-11 s ELCT. CHIP 22uF 20% 35V

C15 1-126-400-11 s ELCT. CHIP 22uF 20% 35V  
C16-20 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C21 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
C22 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
C31 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

C32 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

CN590 1-506-494-11 s CONNECTOR ISP, MALE  
CN591 1-563-003-21 o CONNECTOR, FPC 20P

D1 8-719-123-85 s DIODE 1SS304  
D2-12 8-719-123-82 s DIODE 1SS303-T1

IC1 8-759-505-99 s IC MSC7128-04GS-VIK  
IC3 8-759-194-79 s IC UPD75028GC-542-AB8  
IC6 8-759-925-74 s IC TC74HC04ANS

ND1 1-517-246-11 s UNIT, FLD

Q1-8 8-729-924-19 s TRANSISTOR DTA123JU  
Q36-40 8-729-905-12 s TRANSISTOR DTA144EU  
Q42 8-729-924-19 s TRANSISTOR DTA123JU

R3 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R4 1-216-081-00 s METAL, CHIP 22k 5% 1/10W  
R5 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R6 1-216-089-91 s METAL, CHIP 47k 5% 1/10W  
R7 1-216-073-00 s METAL, CHIP 10k 5% 1/10W

R10-19 1-216-073-00 s METAL, CHIP 10k 5% 1/10W  
R22 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R23 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R25 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R26 1-216-027-00 s METAL, CHIP 120 5% 1/10W

R27 1-216-027-00 s METAL, CHIP 120 5% 1/10W  
R29-36 1-216-103-00 s METAL, CHIP 180k 5% 1/10W  
R77-81 1-216-083-00 s METAL, CHIP 27k 5% 1/10W  
R83 1-216-103-00 s METAL, CHIP 180k 5% 1/10W  
R91 1-216-049-91 s METAL, CHIP 1k 5% 1/10W

R92 1-216-049-91 s METAL, CHIP 1k 5% 1/10W

S1 1-692-892-11 s SWITCH, PUSH  
S2 1-692-892-21 s SWITCH, PUSH  
S3 1-692-890-41 s SWITCH, PUSH  
S4 1-692-890-31 s SWITCH, PUSH  
S5 1-692-890-21 s SWITCH, PUSH

S8-13 1-571-787-31 s SWITCH, PUSH  
S15 1-571-787-31 s SWITCH, PUSH  
S16 1-572-992-11 s SWITCH, SLIDE  
S18 1-571-787-31 s SWITCH, PUSH  
S20 1-571-640-21 s SWITCH, SLIDE

S21 1-571-640-21 s SWITCH, SLIDE  
S23 1-571-640-21 s SWITCH, SLIDE

## (KY-290A BOARD (for UVW-1200/1200P))

Ref. No.  
or Q'ty Part No. SP Description

X1 1-577-101-11 s RESONATOR, CERAMIC 4.19MHz

## MB-471B BOARD (for UVW-1400/1400P)

Ref. No.  
or Q'ty Part No. SP Description

MB-471B board is used for UVW-1400/1400P.

1pc A-8276-864-A o MOUNTED CIRCUIT BOARD, MB-471B

CN110 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE  
CN111 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE  
CN112 1-573-598-11 s CONNECTOR, PHEC 100P, FEMALE  
CN251 1-564-524-11 s CONNECTOR 9P, MALE  
CN261 1-506-491-11 s CONNECTOR 12P, MALE

CN263 1-506-481-11 s CONNECTOR 2P, MALE  
CN265 1-564-013-11 o CONNECTOR 3P, MALE  
CN274 1-506-486-11 s CONNECTOR 7P, MALE  
CN275 1-506-485-11 s CONNECTOR 6P, MALE  
CN276 1-506-485-11 s CONNECTOR 6P, MALE

CN277 1-564-014-11 s CONNECTOR 4P, MALE  
CN278 1-506-489-11 o CONNECTOR 10P, MALE  
CN281 1-563-018-11 o CONNECTOR, FPC 34P

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## MB-520 BOARD (for UYW-1400, NTSC)

Ref. No.  
or Q'ty Part No. SP Description

MB-520 board is used for UYW-1400.

1pc A-8276-861-A o MOUNTED CIRCUIT BOARD, MB-520  
 1pc 3-683-631-01 o CLAMP  
 1pc 9-911-841-XX s CUSHION (B)

CN101 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN102 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN103 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN104 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN105 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE

CN106 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN107 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN108 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN109 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN200 1-564-905-11 o CONNECTOR, VH 9P, MALE

CN201 1-564-512-11 o CONNECTOR 9P, MALE  
 CN211 1-506-491-11 s CONNECTOR 12P, MALE  
 CN214 1-580-195-21 s CONNECTOR, PHC 100P, FEMALE  
 CN231 1-563-018-11 o CONNECTOR, PFC 34P  
 CN232 1-563-462-11 o CONNECTOR, PFC 17P

CN235 1-506-482-11 s CONNECTOR 3P, MALE  
 CN262 1-506-494-11 s CONNECTOR 15P, MALE  
 \*CN266 1-506-469-11 s CONNECTOR 4P, MALE  
 CN267 1-506-472-11 s CONNECTOR 7P, MALE  
 CN268 1-506-479-11 s CONNECTOR 14P, MALE

CN271 1-564-011-11 o CONNECTOR 12P, MALE

F1 Δ 1-532-777-21 s FUSE 1.25A 125V  
 F2 Δ 1-532-777-21 s FUSE 1.25A 125V  
 F3 Δ 1-532-777-21 s FUSE 1.25A 125V

## MB-520A BOARD (for UYW-1200, NTSC)

Ref. No.  
or Q'ty Part No. SP Description

MB-520A board is used for UYW-1200.

1pc A-8276-857-A o MOUNTED CIRCUIT BOARD, MB-520A  
 1pc 3-683-631-01 o CLAMP  
 1pc 9-911-841-XX s CUSHION (B)

CN103 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN104 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN105 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN106 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN107 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE

CN108 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN109 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
 CN200 1-564-905-11 o CONNECTOR, VH 9P, MALE  
 CN201 1-564-512-11 o CONNECTOR 9P, MALE  
 CN211 1-506-491-11 s CONNECTOR 12P, MALE

CN214 1-580-195-21 s CONNECTOR, PHC 100P, FEMALE  
 CN232 1-563-462-11 o CONNECTOR, PFC 17P  
 CN233 1-506-489-11 s CONNECTOR 10P, MALE  
 CN234 1-506-481-11 s CONNECTOR 2P, MALE  
 CN235 1-506-482-11 s CONNECTOR 3P, MALE

CN262 1-506-494-11 s CONNECTOR 15P, MALE  
 \*CN266 1-506-469-11 s CONNECTOR 4P, MALE  
 CN267 1-506-472-11 s CONNECTOR 7P, MALE  
 CN268 1-506-479-11 s CONNECTOR 14P, MALE

F1 Δ 1-532-777-21 s FUSE 1.25A 125V  
 F2 Δ 1-532-777-21 s FUSE 1.25A 125V  
 F3 Δ 1-532-777-21 s FUSE 1.25A 125V

Note: In this list \* marked parts are design changed.  
 Refer to pages 18-29 to 18-31 for applicable serial numbers.  
 UYW-1400/1400P/1200/1200P

## MB-520AP BOARD (for UVW-1200P, PAL)

Ref. No.  
or Q'ty Part No. SP Description

MB-520AP board is used for UVW-1200P.

1pc A-8276-880-A o MOUNTED CIRCUIT BOARD, MB-520AP  
1pc 3-683-631-01 o CLAMP  
1pc 9-911-841-XX s CUSHION (B)

CN103 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN104 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN105 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN106 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN107 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE

CN108 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN109 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN200 1-564-905-11 o CONNECTOR, VH 9P, MALE  
CN201 1-564-512-11 o CONNECTOR 9P, MALE  
CN211 1-506-491-11 s CONNECTOR 12P, MALE

CN214 1-580-195-21 s CONNECTOR, PHEC 100P, FEMALE  
CN232 1-563-462-11 o CONNECTOR, FPC 17P  
CN233 1-506-489-11 s CONNECTOR 10P, MALE  
CN234 1-506-481-11 s CONNECTOR 2P, MALE  
CN235 1-506-482-11 s CONNECTOR 3P, MALE

CN262 1-506-494-11 s CONNECTOR 15P, MALE  
\*CN265 1-506-469-11 s CONNECTOR 4P, MALE  
CN267 1-506-472-11 s CONNECTOR 7P, MALE  
CN268 1-506-479-11 s CONNECTOR 14P, MALE

PS1 Δ 1-532-840-21 s LINK, IC 1.25A  
PS2 Δ 1-532-840-21 s LINK, IC 1.25A  
PS3 Δ 1-532-840-21 s LINK, IC 1.25A

## MB-520P BOARD (for UVW-1400P, PAL)

Ref. No.  
or Q'ty Part No. SP Description

MB-520P board is used for UVW-1400P.

1pc A-8276-879-A o MOUNTED CIRCUIT BOARD, MB-520P  
1pc 3-683-631-01 o CLAMP  
1pc 9-911-841-XX s CUSHION (B)

CN101 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN102 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN103 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN104 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN105 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE

CN106 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN107 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN108 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN109 1-573-784-91 o CONNECTOR, DIN 60P, FEMALE  
CN200 1-564-905-11 o CONNECTOR, VH 9P, MALE

CN201 1-564-512-11 o CONNECTOR 9P, MALE  
CN211 1-506-491-11 s CONNECTOR 12P, MALE  
CN214 1-580-195-21 o CONNECTOR, PHEC 100P, FEMALE  
CN231 1-563-018-11 o CONNECTOR, FPC 34P  
CN232 1-563-462-11 o CONNECTOR, FPC 17P

CN235 1-506-482-11 s CONNECTOR 3P, MALE  
CN262 1-506-494-11 s CONNECTOR 15P, MALE  
\*CN266 1-506-469-11 s CONNECTOR 4P, MALE  
CN267 1-506-472-11 s CONNECTOR 7P, MALE  
CN268 1-506-479-11 s CONNECTOR 14P, MALE

CN271 1-564-011-11 o CONNECTOR 12P, MALE

PS1 Δ 1-532-840-21 s LINK, IC 1.25A  
PS2 Δ 1-532-840-21 s LINK, IC 1.25A  
PS3 Δ 1-532-840-21 s LINK, IC 1.25A

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## MS-39 BOARD (for UVW-1400/1400P)

Ref. No.  
or Q'ty Part No. SP Description

MS-39 board is used for UVW-1400/1400P.

1pc A-8275-291-A o MOUNTED CIRCUIT BOARD, MS-39  
 1pc 3-182-355-02 o COVER, MC SENSOR  
 2pcs 3-180-854-03 o COVER, MR SENSOR

C3 1-164-097-11 s CERAMIC 0.022uF 50V  
 C5 1-126-933-11 s ELECT 100uF 20% 16V  
 C6 1-164-097-11 s CERAMIC 0.022uF 50V  
 C11 1-126-947-11 s ELECT 47uF 20% 35V  
 C12 1-126-947-11 s ELECT 47uF 20% 35V

C13 1-164-097-11 s CERAMIC 0.022uF 50V  
 C14 1-130-728-00 s FILM 0.0022uF 1% 100V  
 C15 1-130-728-00 s FILM 0.0022uF 1% 100V  
 C16 1-164-097-11 s CERAMIC 0.022uF 50V  
 \*C17 1-130-495-00 s MYLAR 0.1uF 5% 50V

CN350 1-564-011-11 o CONNECTOR 12P, MALE  
 CN351 1-506-469-11 s CONNECTOR 4P, MALE  
 CN352 1-506-467-11 s CONNECTOR 2P, MALE  
 CN353 1-506-472-11 s CONNECTOR 7P, MALE  
 CN354 1-506-480-11 s CONNECTOR 15P, MALE

CN355 1-506-473-11 s CONNECTOR 8P, MALE  
 CN356 1-562-708-11 s CONNECTOR, FPC 13P  
 CN357 1-562-708-11 s CONNECTOR, FPC 13P  
 CN358 1-564-005-11 s CONNECTOR 6P, MALE  
 CN359 1-506-469-11 s CONNECTOR 4P, MALE

CN360 1-506-469-11 s CONNECTOR 4P, MALE  
 CN361 1-564-002-11 s CONNECTOR 3P, MALE  
 CN362 1-562-993-11 o CONNECTOR, FPC 30P  
 CN363 1-562-993-11 o CONNECTOR, FPC 30P  
 CN364 1-562-993-11 o CONNECTOR, FPC 30P

D1 8-719-938-07 s LED GL480, INFRARED  
 D2 8-719-938-07 s LED GL480, INFRARED  
 D3 8-719-938-07 s LED GL480, INFRARED  
 D4 8-719-938-07 s LED GL480, INFRARED  
 D7 8-719-933-30 s DIODE DA210S

D8 8-719-933-30 s DIODE DA210S  
 D9 8-719-933-30 s DIODE DA210S  
 D10 8-719-933-30 s DIODE DA210S

IC1 8-759-196-00 s IC UPD75048CW-018  
 IC2 8-759-600-34 s IC M54532P  
 IC3 8-759-645-23 s IC M54532P  
 IC7 8-759-189-43 s IC AN77L05-TA  
 IC8 8-759-190-26 s IC PQ30VB11

Q1 8-729-903-81 s PHOTOTRANSISTOR PT480  
 Q2 8-729-903-81 s PHOTOTRANSISTOR PT480  
 Q3 8-729-903-81 s PHOTOTRANSISTOR PT480  
 Q4 8-729-903-81 s PHOTOTRANSISTOR PT480

R2 1-249-437-11 s CARBON 47k 5% 1/4W  
 R3 1-249-429-11 s CARBON 10k 5% 1/4W  
 R5 1-249-437-11 s CARBON 47k 5% 1/4W  
 R6 1-249-429-11 s CARBON 10k 5% 1/4W  
 R7 1-247-815-91 s CARBON 220 5% 1/4W

R8 1-249-437-11 s CARBON 47k 5% 1/4W  
 R9 1-249-429-11 s CARBON 10k 5% 1/4W  
 R10 1-247-815-91 s CARBON 220 5% 1/4W  
 R11 1-249-437-11 s CARBON 47k 5% 1/4W  
 R12 1-249-429-11 s CARBON 10k 5% 1/4W

R13 1-247-815-91 s CARBON 220 5% 1/4W

## MS-39 BOARD (for UVW-1400/1400P)

Ref. No.  
or Q'ty Part No. SP Description

R14 1-249-437-11 s CARBON 47k 5% 1/4W  
 R15 1-249-429-11 s CARBON 10k 5% 1/4W  
 R16 1-247-815-91 s CARBON 220 5% 1/4W  
 R17 1-249-437-11 s CARBON 47k 5% 1/4W  
 R18 1-249-429-11 s CARBON 10k 5% 1/4W

R19 1-249-437-11 s CARBON 47k 5% 1/4W  
 R20-24 1-249-437-11 s CARBON 47k 5% 1/4W  
 R25-30 1-249-429-11 s CARBON 10k 5% 1/4W  
 R31 1-249-437-11 s CARBON 47k 5% 1/4W  
 R32 1-249-437-11 s CARBON 47k 5% 1/4W

R34 1-249-417-11 s CARBON 1k 5% 1/4W  
 R35 1-249-417-11 s CARBON 1k 5% 1/4W  
 R36 1-249-417-11 s CARBON 1k 5% 1/4W  
 R37 1-249-417-11 s CARBON 1k 5% 1/4W  
 R38 1-249-437-11 s CARBON 47k 5% 1/4W

R42 1-249-429-11 s CARBON 10k 5% 1/4W  
 R43 1-249-429-11 s CARBON 10k 5% 1/4W  
 R44 1-247-895-91 s CARBON 470k 5% 1/4W  
 R46 1-249-437-11 s CARBON 47k 5% 1/4W  
 \*R47 1-249-429-11 s CARBON 10k 5% 1/4W  
 1-249-417-11 s CARBON 1k 5% 1/4W

R49 1-249-437-11 s CARBON 47k 5% 1/4W  
 \*R50 1-249-429-11 s CARBON 10k 5% 1/4W  
 1-249-417-11 s CARBON 1k 5% 1/4W

R51 1-249-429-11 s CARBON 10k 5% 1/4W  
 R52 1-249-429-11 s CARBON 10k 5% 1/4W  
 R53 1-249-429-11 s CARBON 10k 5% 1/4W  
 R63 1-249-429-11 s CARBON 10k 5% 1/4W  
 R64 1-215-432-00 s METAL 3k 1% 1/6W

R65 1-215-411-00 s METAL 390 1% 1/6W

X1 1-579-232-11 s RESONATOR, CERAMIC 2.50MHz

Note: In this list \* marked parts are design changed.  
 Refer to pages 18-29 to 18-31 for applicable serial numbers.  
 UVW-1400/1400P/1200/1200P



## MS-39A BOARD (for UVW-1200/1200P)

Ref. No.  
or Q'ty Part No. SP Description

MS-39A board is used for UVW-1200/1200P.

1pc A-8275-288-A o MOUNTED CIRCUIT BOARD, MS-39A  
1pc 3-182-355-02 o COVER, MC SENSORC3 1-164-097-11 s CERAMIC 0.022uF 50V  
C5 1-126-933-11 s ELECT 100uF 20% 16V  
C6 1-164-097-11 s CERAMIC 0.022uF 50V  
C11 1-126-947-11 s ELECT 47uF 20% 35V  
C12 1-126-947-11 s ELECT 47uF 20% 35V  
C13 1-164-097-11 s CERAMIC 0.022uF 50V  
C14 1-130-728-00 s FILM 0.0022uF 1% 100V  
C15 1-130-728-00 s FILM 0.0022uF 1% 100V  
C16 1-164-097-11 s CERAMIC 0.022uF 50V  
\*C17 1-130-495-00 s MYLAR 0.1uF 5% 50VCN350 1-564-011-11 o CONNECTOR 12P, MALE  
CN351 1-506-469-11 s CONNECTOR 4P, MALE  
CN352 1-506-467-11 s CONNECTOR 2P, MALE  
CN353 1-506-472-11 s CONNECTOR 7P, MALE  
CN354 1-506-480-11 s CONNECTOR 15P, MALECN355 1-506-473-11 s CONNECTOR 8P, MALE  
CN356 1-562-708-11 o CONNECTOR, FPC 13P  
CN357 1-562-708-11 o CONNECTOR, FPC 13P  
CN358 1-564-005-11 o CONNECTOR 6P, MALE  
CN359 1-506-469-11 s CONNECTOR 4P, MALECN360 1-506-469-11 s CONNECTOR 4P, MALE  
CN361 1-564-002-11 s CONNECTOR 3P, MALE  
CN362 1-562-993-11 o CONNECTOR, FPC 30P  
CN363 1-562-993-11 o CONNECTOR, FPC 30P  
CN364 1-562-993-11 o CONNECTOR, FPC 30PD1 8-719-938-07 s LED GL480, INFRARED  
D2 8-719-938-07 s LED GL480, INFRARED  
D7 8-719-933-30 s DIODE DA210S  
D8 8-719-933-30 s DIODE DA210S  
D9 8-719-933-30 s DIODE DA210S

D10 8-719-933-30 s DIODE DA210S

IC1 8-759-196-00 s IC UPD75048CW-018  
IC2 8-759-600-34 s IC M54532P  
IC3 8-759-645-23 s IC M54523P  
IC7 8-759-189-43 s IC AN77L05-TA  
IC8 8-759-190-25 s IC PQ30VB11Q1 8-729-903-81 s PHOTOTRANSISTOR PT480  
Q2 8-729-903-81 s PHOTOTRANSISTOR PT480R2 1-249-437-11 s CARBON 47k 5% 1/4W  
R3 1-249-429-11 s CARBON 10k 5% 1/4W  
R5 1-249-437-11 s CARBON 47k 5% 1/4W  
R6 1-249-429-11 s CARBON 10k 5% 1/4W  
R7 1-247-815-91 s CARBON 220 5% 1/4WR8 1-249-437-11 s CARBON 47k 5% 1/4W  
R9 1-249-429-11 s CARBON 10k 5% 1/4W  
R10 1-247-815-91 s CARBON 220 5% 1/4W  
R11 1-249-437-11 s CARBON 47k 5% 1/4W  
R12 1-249-429-11 s CARBON 10k 5% 1/4WR14 1-249-437-11 s CARBON 47k 5% 1/4W  
R15 1-249-429-11 s CARBON 10k 5% 1/4W  
R17 1-249-437-11 s CARBON 47k 5% 1/4W  
R18 1-249-429-11 s CARBON 10k 5% 1/4W  
R19-24 1-249-437-11 s CARBON 47k 5% 1/4W

## (MS-39A BOARD (for UVW-1200/1200P))

Ref. No.  
or Q'ty Part No. SP DescriptionR25-30 1-249-429-11 s CARBON 10k 5% 1/4W  
R31 1-249-437-11 s CARBON 47k 5% 1/4W  
R32 1-249-437-11 s CARBON 47k 5% 1/4W  
R34 1-249-417-11 s CARBON 1k 5% 1/4W  
R35 1-249-417-11 s CARBON 1k 5% 1/4WR36 1-249-417-11 s CARBON 1k 5% 1/4W  
R37 1-249-417-11 s CARBON 1k 5% 1/4W  
R38 1-249-437-11 s CARBON 47k 5% 1/4W  
R42 1-249-429-11 s CARBON 10k 5% 1/4W  
R43 1-249-429-11 s CARBON 10k 5% 1/4WR44 1-247-895-91 s CARBON 470k 5% 1/4W  
R46 1-249-437-11 s CARBON 47k 5% 1/4W  
\*R47 1-249-429-11 s CARBON 10k 5% 1/4W  
1-249-417-11 s CARBON 1k 5% 1/4WR49 1-249-437-11 s CARBON 47k 5% 1/4W  
\*R50 1-249-429-11 s CARBON 10k 5% 1/4W  
1-249-417-11 s CARBON 1k 5% 1/4WR51 1-249-429-11 s CARBON 10k 5% 1/4W  
R52 1-249-429-11 s CARBON 10k 5% 1/4W  
R53 1-249-429-11 s CARBON 10k 5% 1/4W  
R63 1-249-429-11 s CARBON 10k 5% 1/4W  
R64 1-215-432-00 s METAL 3k 1% 1/6W

R65 1-215-411-00 s METAL 390 1% 1/6W

X1 1-579-232-11 s RESONATOR, CERAMIC 2.50MHz

## PC-62 BOARD

Ref. No.  
or Q'ty Part No. SP DescriptionTwo PC-62 boards are used in UVW-1400/1400P/1200/1200P.  
One board has the following parts.\*1pc 1-640-171-12 o PRINTED CIRCUIT BOARD, PC-62 \*18  
1pc 3-176-598-02 o SPRING, GROUND

CN934 1-565-038-11 s CONNECTOR, FPC 5P

PH1 8-719-939-05 s PHOTOINTERUPTER GP-1554  
PH2 8-719-939-05 s PHOTOINTERUPTER GP-1554  
PH3 8-719-939-05 s PHOTOINTERUPTER GP-1554R1 1-247-825-31 s CARBON 560 5% 1/4W  
R2 1-247-825-31 s CARBON 560 5% 1/4W  
R3 1-247-825-31 s CARBON 560 5% 1/4W

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## PC-70 BOARD

Ref. No.  
or Q'ty Part No. SP Description

Two PC-70 boards are used in UVW-1400/1400P/1200/1200P.  
One board has the following parts.

|       |              |                                |     |
|-------|--------------|--------------------------------|-----|
| *1pc  | A-8276-625-A | o MOUNTED CIRCUIT BOARD, PC-70 | *19 |
| 1pc   | 3-176-598-02 | o SPRING, GROUND               |     |
| CN934 | 1-565-038-11 | s CONNECTOR, FPC 5P            |     |
| PH1   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54     |     |
| PH2   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54     |     |
| PH3   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54     |     |
| R1    | 1-247-825-31 | s CARBON 560 5% 1/4W           |     |
| R2    | 1-247-825-31 | s CARBON 560 5% 1/4W           |     |
| R3    | 1-247-825-31 | s CARBON 560 5% 1/4W           |     |

## PD-35 BOARD

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                |  |
|-------|--------------|--------------------------------|--|
| 1pc   | 1-622-596-11 | o PRINTED CIRCUIT BOARD, PD-35 |  |
| CN851 | 1-564-001-11 | o CONNECTOR 2P, MALE           |  |
| CN854 | 1-564-005-11 | o CONNECTOR 6P, MALE           |  |

## PTC-66 BOARD

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                 |    |
|-------|--------------|---------------------------------|----|
| *1pc  | 1-648-926-11 | o PRINTED CIRCUIT BOARD, PTC-66 | *8 |
|       | 1-648-926-12 | o PRINTED CIRCUIT BOARD, PTC-66 | *9 |
| CN944 | 1-564-014-11 | s CONNECTOR 4P, MALE            |    |
| PH1   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54      |    |
| PH2   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54      |    |
| R1    | 1-247-815-91 | s CARBON 220 5% 1/4W            |    |
| R2    | 1-247-815-91 | s CARBON 220 5% 1/4W            |    |

## PTC-67 BOARD

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                 |     |
|-------|--------------|---------------------------------|-----|
| *1pc  | 1-648-922-11 | o PRINTED CIRCUIT BOARD, PTC-67 | *33 |
|       | 1-648-922-12 | o PRINTED CIRCUIT BOARD, PTC-67 | *34 |
| C1    | 1-164-096-11 | s CERAMIC 0.01uF 50V            |     |
| CN941 | 1-506-472-11 | s CONNECTOR 7P, MALE            |     |
| CN942 | 1-506-467-11 | s CONNECTOR 2P, MALE            |     |
| CN943 | 1-506-481-11 | s CONNECTOR 2P, MALE            |     |
| PH1   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54      |     |
| R1    | 1-249-408-11 | s CARBON 180 5% 1/4W            |     |

## PTC-68 BOARD

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                 |    |
|-------|--------------|---------------------------------|----|
| *1pc  | 1-648-927-11 | o PRINTED CIRCUIT BOARD, PTC-68 | *8 |
|       | 1-648-927-12 | o PRINTED CIRCUIT BOARD, PTC-68 | *9 |
| CN940 | 1-506-469-11 | s CONNECTOR 4P, MALE            |    |
| PH1   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54      |    |
| PH2   | 8-719-939-05 | s PHOTOINTERRUPTER GP-1S54      |    |
| R1    | 1-247-815-91 | s CARBON 220 5% 1/4W            |    |
| R2    | 1-247-815-91 | s CARBON 220 5% 1/4W            |    |

## RM-126 BOARD

Ref. No.  
or Q'ty Part No. SP Description

|       |              |                                 |     |
|-------|--------------|---------------------------------|-----|
| *1pc  | 1-648-924-11 | o PRINTED CIRCUIT BOARD, RM-126 | *28 |
|       | 1-648-924-12 | o PRINTED CIRCUIT BOARD, RM-126 | *29 |
| CN946 | 1-563-233-11 | o CONNECTOR, FPC 13P, FEMALE    |     |
| CN947 | 1-564-014-11 | s CONNECTOR 4P, MALE            |     |
| CN948 | 1-564-718-11 | o CONNECTOR 2P, MALE            |     |
| CN949 | 1-564-013-11 | o CONNECTOR 3P, MALE            |     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## RM-127 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |     |
|---------------------|--------------|---------------------------------|-----|
| *1pc                | 1-648-925-11 | o PRINTED CIRCUIT BOARD, RM-127 | *28 |
|                     | 1-648-925-12 | o PRINTED CIRCUIT BOARD, RM-127 | *29 |
| CN951               | 1-563-233-11 | o CONNECTOR, FPC 13P, FEMALE    |     |
| CN952               | 1-564-014-11 | s CONNECTOR 4P, MALE            |     |
| CN953               | 1-564-718-11 | o CONNECTOR 2P, MALE            |     |
| CN954               | 1-564-013-11 | o CONNECTOR 3P, MALE            |     |

## RP-70B BOARD (for UVM-1400, NTSC)

| Ref. No.<br>or Q'ty                | Part No.     | SP Description                  |  |
|------------------------------------|--------------|---------------------------------|--|
| RP-70B board is used for UVM-1400. |              |                                 |  |
| 1pc                                | A-8275-574-A | o MOUNTED CIRCUIT BOARD, RP-70B |  |
| 1pc                                | 3-182-385-02 | o PLATE, SHIELD (S), CARD       |  |
| 1pc                                | 7-621-759-45 | s SCREW, #SW2.8x6               |  |
| 1pc                                | 3-179-084-01 | s LEVER (R), PC BOARD           |  |
| 1pc                                | 3-179-085-01 | s LEVER (L), PC BOARD           |  |
| C2                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C3                                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C4                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C5                                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C6                                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C7                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C8                                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C11                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C12                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C13                                | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C14                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C15                                | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C16                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C17                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C18                                | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C19                                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |  |
| C20                                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C21                                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C23                                | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C103                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C104                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C105                               | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C106                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C107                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C108                               | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C111                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C112                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C113                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C114                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C115                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C116                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C117                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C118                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C119                               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |  |
| C120                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C121                               | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C123                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C202                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C203                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C204                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C205                               | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C206                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C207                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C208                               | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |  |
| C211                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C212                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C213                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C214                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C215                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |
| C216                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C217                               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |  |
| C218                               | 1-126-933-11 | s ELECT 100uF 20% 16V           |  |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVM-1400/1400P/1200/1200P

## (RP-70B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C219                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C220                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C221                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C223                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C303                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C304                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C305                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C306                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C307                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C308                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C311                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C312                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C313                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C314                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C315                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C316                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C317                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C318                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C319                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C320                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C321                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C323                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C501-507            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C623                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C624                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C625                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C626                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C627                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C628                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C629                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| C630                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| *C631               | 1-163-023-00 s | CERAMIC, CHIP 0.015uF 5% 50V  |
| C632                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V |
| C635                | 1-136-562-11 s | FILM 0.0082uF 5% 630V         |
| C636                | 1-131-368-00 s | TANTALUM 3.3uF 10% 16V        |
| C701                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C702                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C703                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C704                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C705                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C706                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C707                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C708                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C709                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C710                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C711                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C712                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C713                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C714                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C715                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C716                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C717                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C718                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C719                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C720                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C721                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C722                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C723                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C724                | 1-126-933-11 s | ELECT 100uF 20% 16V           |

## (RP-70B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C725                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C726                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C727                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C728                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C729                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C730                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C731                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C732                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| CN1                 | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN101               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN110               | 1-573-600-21 s | CONNECTOR, PHC 100P, MALE |
| CN201               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN501               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| D701                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D702                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D703                | 8-719-123-85 s | DIODE 1SS304              |
| D704                | 8-719-123-85 s | DIODE 1SS304              |
| IC1                 | 1-810-336-11 s | HIC BP-025                |
| IC2                 | 1-810-335-11 s | HIC BP-024                |
| IC101               | 1-810-336-11 s | HIC BP-025                |
| IC102               | 1-810-335-11 s | HIC BP-024                |
| IC201               | 1-810-336-11 s | HIC BP-025                |
| IC202               | 1-810-335-11 s | HIC BP-024                |
| IC301               | 1-810-336-11 s | HIC BP-025                |
| IC302               | 1-810-335-11 s | HIC BP-024                |
| IC501               | 8-759-009-10 s | IC MC140690UF             |
| IC502               | 8-759-009-10 s | IC MC140690UF             |
| IC503               | 8-759-009-10 s | IC MC140690UF             |
| IC701               | 8-759-182-84 s | IC P05524                 |
| IC702               | 8-759-189-43 s | IC AN77105-TA             |
| IC703               | 8-759-168-20 s | IC TA78109S               |
| IC704               | 8-759-168-20 s | IC TA78109S               |
| IC705               | 8-759-822-95 s | IC L79M05T-PA             |
| IC706               | 8-759-700-65 s | IC NJM79L05A              |
| IC707               | 8-759-700-68 s | IC NJM79L09A              |
| IC708               | 8-759-700-68 s | IC NJM79L09A              |
| L1-5                | 1-410-482-31 s | INDUCTOR 100uH            |
| L101-105            | 1-410-482-31 s | INDUCTOR 100uH            |
| L201-205            | 1-410-482-31 s | INDUCTOR 100uH            |
| L301-305            | 1-410-482-31 s | INDUCTOR 100uH            |
| L603                | 1-412-533-21 s | INDUCTOR 47uH             |
| L701                | 1-412-533-21 s | INDUCTOR 47uH             |
| L702                | 1-412-533-21 s | INDUCTOR 47uH             |
| L703                | 1-412-533-21 s | INDUCTOR 47uH             |
| L704                | 1-412-533-21 s | INDUCTOR 47uH             |
| Q1                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q2                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q3                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q102                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q103                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q201                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q202                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q203                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q302                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q303                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q501                | 8-729-209-06 s | TRANSISTOR 2SC4213-A      |
| Q609                | 8-729-905-18 s | TRANSISTOR DTC1445U       |
| Q610                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (RP-70B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q611                | 8-729-022-00 | s TRANSISTOR 25B1416-R(TA)  |
| Q612                | 8-729-117-32 | s TRANSISTOR 25C4177        |
| Q613                | 8-729-159-65 | s TRANSISTOR 25D596-DV5     |
| Q614                | 8-729-159-65 | s TRANSISTOR 25D596-DV5     |
| Q615                | 8-729-140-63 | s TRANSISTOR 25A1611-MSM6   |
| Q616                | 8-729-209-06 | s TRANSISTOR 25C4213-A      |
| Q617                | 8-729-209-06 | s TRANSISTOR 25C4213-A      |
| R1                  | 1-216-041-00 | s METAL CHIP 470 5% 1/10W   |
| R2                  | 1-216-624-11 | s METAL CHIP 75 0.5% 1/10W  |
| R4                  | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R5                  | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R6                  | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R7                  | 1-216-053-00 | s METAL CHIP 1.5k 5% 1/10W  |
| R8                  | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R9                  | 1-216-055-00 | s METAL CHIP 1.8k 5% 1/10W  |
| R10                 | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R11                 | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R12                 | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| R13                 | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R16                 | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R18                 | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R19                 | 1-216-687-11 | s METAL CHIP 33k 0.5% 1/10W |
| R21                 | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W |
| R22                 | 1-216-625-11 | s METAL CHIP 82 0.5% 1/10W  |
| R106                | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R107                | 1-216-053-00 | s METAL CHIP 1.5k 5% 1/10W  |
| R108                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R109                | 1-216-055-00 | s METAL CHIP 1.8k 5% 1/10W  |
| R110                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R111                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R112                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| R113                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R116                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R118                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R119                | 1-216-687-11 | s METAL CHIP 33k 0.5% 1/10W |
| R121                | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W |
| R122                | 1-216-625-11 | s METAL CHIP 82 0.5% 1/10W  |
| R201                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W   |
| R202                | 1-216-624-11 | s METAL CHIP 75 0.5% 1/10W  |
| R204                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R205                | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R206                | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R207                | 1-216-053-00 | s METAL CHIP 1.5k 5% 1/10W  |
| R208                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R209                | 1-216-055-00 | s METAL CHIP 1.8k 5% 1/10W  |
| R210                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R211                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R212                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| R213                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R216                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R218                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R219                | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W |
| R221                | 1-216-689-11 | s METAL CHIP 39k 0.5% 1/10W |
| R222                | 1-216-625-11 | s METAL CHIP 82 0.5% 1/10W  |
| R306                | 1-216-047-91 | s METAL CHIP 820 5% 1/10W   |
| R307                | 1-216-053-00 | s METAL CHIP 1.5k 5% 1/10W  |
| R308                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R309                | 1-216-055-00 | s METAL CHIP 1.8k 5% 1/10W  |

## (RP-70B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R310                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R311                | 1-216-009-00 | s METAL CHIP 22 5% 1/10W    |
| R312                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| R313                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R316                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R318                | 1-216-001-00 | s METAL CHIP 10 5% 1/10W    |
| R319                | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W |
| R321                | 1-216-689-11 | s METAL CHIP 39k 0.5% 1/10W |
| R322                | 1-216-625-11 | s METAL CHIP 82 0.5% 1/10W  |
| R501                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R502                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R503                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R504                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R505                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R506                | 1-216-081-00 | s METAL CHIP 22k 5% 1/10W   |
| R507                | 1-216-081-00 | s METAL CHIP 22k 5% 1/10W   |
| R508                | 1-216-081-00 | s METAL CHIP 22k 5% 1/10W   |
| R509                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R510                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R511                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R512                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R513                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R514                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R515                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R516                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R517                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W    |
| R518                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R519                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R631                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W   |
| R632                | 1-216-065-00 | s METAL CHIP 4.7k 5% 1/10W  |
| R633                | 1-216-051-00 | s METAL CHIP 1.2k 5% 1/10W  |
| R634                | 1-216-071-00 | s METAL CHIP 8.2k 5% 1/10W  |
| R635                | 1-216-081-00 | s METAL CHIP 22k 5% 1/10W   |
| R636                | 1-216-093-00 | s METAL CHIP 68k 5% 1/10W   |
| R637                | 1-216-093-00 | s METAL CHIP 68k 5% 1/10W   |
| R639                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W   |
| R640                | 1-216-077-00 | s METAL CHIP 15k 5% 1/10W   |
| R641                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| R642                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W  |
| RV1                 | 1-241-783-11 | s RES, ADJ METAL 2.2k       |
| RV2                 | 1-241-761-11 | s RES, ADJ METAL 1k         |
| RV101               | 1-241-783-11 | s RES, ADJ METAL 2.2k       |
| RV102               | 1-241-761-11 | s RES, ADJ METAL 1k         |
| RV201               | 1-241-783-11 | s RES, ADJ METAL 2.2k       |
| RV202               | 1-241-761-11 | s RES, ADJ METAL 1k         |
| RV301               | 1-241-783-11 | s RES, ADJ METAL 2.2k       |
| RV302               | 1-241-761-11 | s RES, ADJ METAL 1k         |
| S1                  | 1-553-977-00 | s SWITCH, SLIDE             |
| S101                | 1-553-977-00 | s SWITCH, SLIDE             |
| S201                | 1-553-977-00 | s SWITCH, SLIDE             |
| S301                | 1-553-977-00 | s SWITCH, SLIDE             |
| T1                  | 1-423-659-11 | s TRANSFORMER, RF OUTPUT    |
| T2                  | 1-423-659-11 | s TRANSFORMER, RF INPUT     |
| T101                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT    |
| T102                | 1-423-659-11 | s TRANSFORMER, RF INPUT     |
| T201                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT    |
| T202                | 1-423-657-11 | s TRANSFORMER, RF INPUT     |
| T301                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

(RP-70B BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| T302                | 1-423-657-11 | s TRANSFORMER, RF INPUT |
| T603                | 1-424-511-11 | s TRANSFORMER, FE       |

RP-70BP BOARD (for UVW-1400P, PAL)

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

RP-70BP board is used for UVW-1400P.

|      |              |                                  |
|------|--------------|----------------------------------|
| 1pc  | A-8275-607-A | o MOUNTED CIRCUIT BOARD, RP-70BP |
| 1pc  | 3-182-385-02 | o PLATE, SHIELD (S), CARD        |
| 1pc  | 7-621-759-45 | s SCREW, #5W2.6x6                |
| 1pc  | 3-179-084-01 | s LEVER (R), PC BOARD            |
| 1pc  | 3-179-085-01 | s LEVER (L), PC BOARD            |
| C2   | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C3   | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C4   | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C5   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C6   | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C7   | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C8   | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C11  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C12  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C13  | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C14  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C15  | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C16  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C17  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C18  | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C19  | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C20  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C21  | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C23  | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C103 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C104 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C105 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C106 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C107 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C108 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C111 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C112 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C113 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C114 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C115 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C116 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C117 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C118 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C119 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C120 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C121 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C123 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C202 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C203 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C204 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C205 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C206 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C207 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C208 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C211 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C212 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C213 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C214 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C215 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C216 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C217 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C218 | 1-126-933-11 | s ELECT 100uF 20% 16V            |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (RP-70BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C219                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C220                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C221                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C223                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C303                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C304                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C305                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C306                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C307                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C308                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C311                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C312                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C313                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C314                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C315                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C316                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C317                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C318                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C319                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V     |
| C320                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C321                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10% 25V   |
| C323                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C501-507            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C623                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C624                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C625                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C626                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C627                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C628                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C629                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| C630                | 1-163-017-00 s | CERAMIC, CHIP 0.0047uF 5% 50V |
| *C631               | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10% 100V |
|                     | 1-163-023-00 s | CERAMIC, CHIP 0.015uF 5% 50V  |
| C632                | 1-164-182-11 s | CERAMIC, CHIP 3300pF 10% 100V |
| C635                | 1-136-562-11 s | FILM 0.0082uF 5% 50V          |
| C636                | 1-131-368-00 s | TANTALUM 3.3uF 10% 16V        |
| C701                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C702                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C703                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C704                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C705                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C706                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C707                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C708                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C709                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C710                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C711                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C712                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C713                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C714                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C715                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C716                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C717                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C718                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C719                | 1-126-933-11 s | ELECT 100uF 20% 16V           |
| C720                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C721                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C722                | 1-126-933-11 s | ELECT 100uF 20% 16V           |

## (RP-70BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C723                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C724                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C725                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C726                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C727                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C728                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C729                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C730                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C731                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C732                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| CN1                 | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN101               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN110               | 1-573-600-21 s | CONNECTOR, PHC 100P, MALE |
| CN201               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| CN301               | 1-506-468-11 o | CONNECTOR 3P, MALE        |
| D701                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D702                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D703                | 8-719-123-85 s | DIODE 1SS304              |
| D704                | 8-719-123-85 s | DIODE 1SS304              |
| IC1                 | 1-810-336-11 s | HIC BP-025                |
| IC2                 | 1-810-335-11 s | HIC BP-024                |
| IC101               | 1-810-336-11 s | HIC BP-025                |
| IC102               | 1-810-335-11 s | HIC BP-024                |
| IC201               | 1-810-336-11 s | HIC BP-025                |
| IC202               | 1-810-335-11 s | HIC BP-024                |
| IC301               | 1-810-336-11 s | HIC BP-025                |
| IC302               | 1-810-335-11 s | HIC BP-024                |
| IC501               | 8-759-009-10 s | IC MC14069UB              |
| IC502               | 8-759-009-10 s | IC MC14069UB              |
| IC503               | 8-759-009-10 s | IC MC14069UB              |
| IC701               | 8-759-182-84 s | IC PQ055Z5U               |
| IC702               | 8-759-189-43 s | IC AN77L05-TA             |
| IC703               | 8-759-168-20 s | IC TA78L09S               |
| IC704               | 8-759-168-20 s | IC TA78L09S               |
| IC705               | 8-759-822-95 s | IC L79M05T-FA             |
| IC706               | 8-759-700-65 s | IC NM79L05A               |
| IC707               | 8-759-700-68 s | IC NM79L09A               |
| IC708               | 8-759-700-68 s | IC NM79L09A               |
| L1-5                | 1-410-482-31 s | INDUCTOR 100uH            |
| L101-105            | 1-410-482-31 s | INDUCTOR 100uH            |
| L201-205            | 1-410-482-31 s | INDUCTOR 100uH            |
| L301-305            | 1-410-482-31 s | INDUCTOR 100uH            |
| L603                | 1-412-533-21 s | INDUCTOR 47uH             |
| L701                | 1-412-533-21 s | INDUCTOR 47uH             |
| L702                | 1-412-533-21 s | INDUCTOR 47uH             |
| L703                | 1-412-533-21 s | INDUCTOR 47uH             |
| L704                | 1-412-533-21 s | INDUCTOR 47uH             |
| Q1                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q2                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q3                  | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q102                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q103                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q201                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q202                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q203                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q302                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q303                | 8-729-117-72 s | TRANSISTOR 2SC4178        |
| Q501                | 8-729-209-06 s | TRANSISTOR 2SC4213-A      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (RP-70BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| Q609                | 8-729-905-18 | s TRANSISTOR DTC144EU        |
| Q610                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q611                | 8-729-022-00 | s TRANSISTOR 2SB1416-2(TA)   |
| Q612                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q613                | 8-729-159-65 | s TRANSISTOR 2SD596-DV5      |
| Q614                | 8-729-159-65 | s TRANSISTOR 2SD596-DV5      |
| Q615                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q616                | 8-729-209-06 | s TRANSISTOR 2SC4213-A       |
| Q617                | 8-729-209-06 | s TRANSISTOR 2SC4213-A       |
| R1                  | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R2                  | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W  |
| R4                  | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R5                  | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R6                  | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R7                  | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W  |
| R8                  | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R9                  | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W  |
| R10                 | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R11                 | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R12                 | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R13                 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R16                 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R18                 | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R19                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R21                 | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R22                 | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R106                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R107                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W  |
| R108                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R109                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W  |
| R110                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R111                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R112                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R113                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R116                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R118                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R119                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R121                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R122                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R201                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| R202                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W  |
| R204                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R205                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R206                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R207                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W  |
| R208                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R209                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W  |
| R210                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R211                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R212                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R213                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R216                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R218                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R219                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R221                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R222                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R306                | 1-216-047-91 | s METAL, CHIP 820 5% 1/10W   |
| R307                | 1-216-053-00 | s METAL, CHIP 1.5k 5% 1/10W  |
| R308                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |

## (RP-70BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R309                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W  |
| R310                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R311                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W    |
| R312                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R313                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R316                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R318                | 1-216-001-00 | s METAL, CHIP 10 5% 1/10W    |
| R319                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W |
| R321                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W |
| R322                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R501                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R502                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R503                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R504                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R505                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R506                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R507                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R508                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R509                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R510                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R511                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R512                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R513                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R514                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R515                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R516                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R517                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R518                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R519                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R631                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W   |
| R632                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R633                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W  |
| R634                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W  |
| R635                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W   |
| R636                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W   |
| R637                | 1-216-093-00 | s METAL, CHIP 68k 5% 1/10W   |
| R639                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R640                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W   |
| R641                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R642                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| RV1                 | 1-241-783-11 | s RES, ADJ METAL 2.2k        |
| RV2                 | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV101               | 1-241-783-11 | s RES, ADJ METAL 2.2k        |
| RV102               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV201               | 1-241-783-11 | s RES, ADJ METAL 2.2k        |
| RV202               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV301               | 1-241-783-11 | s RES, ADJ METAL 2.2k        |
| RV302               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| S1                  | 1-553-977-00 | s SWITCH, SLIDE              |
| S101                | 1-553-977-00 | s SWITCH, SLIDE              |
| S201                | 1-553-977-00 | s SWITCH, SLIDE              |
| S301                | 1-553-977-00 | s SWITCH, SLIDE              |
| T1                  | 1-423-659-11 | s TRANSFORMER, RF OUTPUT     |
| T2                  | 1-423-658-11 | s TRANSFORMER, RF INPUT      |
| T101                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT     |
| T102                | 1-423-658-11 | s TRANSFORMER, RF INPUT      |
| T201                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT     |
| T202                | 1-423-658-11 | s TRANSFORMER, RF INPUT      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-23 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (RP-70BP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| T301                | 1-423-659-11 | s TRANSFORMER, RF OUTPUT |
| T302                | 1-423-658-11 | s TRANSFORMER, RF INPUT  |
| T603                | 1-424-511-11 | s TRANSFORMER, FE        |

## SE-207 BOARD

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

Two SE-207 boards are used in UVW-1400P/1200/1200P.  
One board has the following parts.

|       |              |                                 |     |
|-------|--------------|---------------------------------|-----|
| *1pc  | 1-648-923-11 | o PRINTED CIRCUIT BOARD, SE-207 | *31 |
|       | 1-648-923-12 | o PRINTED CIRCUIT BOARD, SE-207 | *32 |
| CN950 | 1-565-876-11 | o CONNECTOR 4P, MALE            |     |
| PHI   | 8-749-924-54 | s PHOTO-INTERRUPTER GP1A30R     |     |
| R1    | 1-249-408-11 | s CARBON 180 5% 1/4W            |     |

## SS-53A BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| 1pc                 | A-8275-573-A | o MOUNTED CIRCUIT BOARD, SS-53A   |
| 1pc                 | 3-179-084-01 | s LEVER (R), PC BOARD             |
| 1pc                 | 3-179-085-01 | s LEVER (L), PC BOARD             |
| C1                  | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V      |
| C2                  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C5-16               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| *C17                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| *C18                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C19                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C20                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C21                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C22                 | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C23                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C24                 | 1-126-924-11 | s ELECT 330uF 20% 10V             |
| C100                | 1-126-964-11 | s ELECT 10uF 20% 50V              |
| C101                | 1-126-964-11 | s ELECT 10uF 20% 50V              |
| C102                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C103                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C104                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C106                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C109                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V       |
| C110                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V       |
| C111                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C112                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C113                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C114                | 1-126-924-11 | s ELECT 330uF 20% 10V             |
| C115                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C116                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C117                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C200                | 1-135-076-21 | s TANTALUM, CHIP 1uF 10% 35V      |
| C201                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V   |
| C202-209            | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C210                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V       |
| C211                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C212                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C213                | 1-126-924-11 | s ELECT 330uF 20% 10V             |
| C214                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C215-230            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C232                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C233                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C234                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C235                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C236                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C237                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C238                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C239                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C240                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C241                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C242                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C243                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C245                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C246                | 1-163-037-11 | s CERAMIC, CHIP 0.022uF 10% 25V   |
| C247                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C248                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C249                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C251-269            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C270-275            | 1-126-947-11 | s ELECT 47uF 20% 35V              |
| C276                | 1-163-989-11 | s CERAMIC, CHIP 0.033uF 10% 25V   |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| C277                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C278                | 1-163-275-11 | CERAMIC, CHIP 0.001uF 5% 50V  |
| C279                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| *C280               | 1-162-667-11 | CERAMIC 10pF 5% 50V           |
| *C281               | 1-162-667-11 | CERAMIC 10pF 5% 50V           |
| C400                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C401                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C402                | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| C403                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C404                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C405                | 1-163-275-11 | CERAMIC, CHIP 0.001uF 5% 50V  |
| C406                | 1-163-235-11 | CERAMIC, CHIP 22pF 5% 50V     |
| C407                | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| C408                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C409                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C410                | 1-163-275-11 | CERAMIC, CHIP 0.001uF 5% 50V  |
| C411                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C412                | 1-163-235-11 | CERAMIC, CHIP 22pF 5% 50V     |
| CN1                 | 1-506-484-11 | CONNECTOR 5P, MALE            |
| CN2                 | 1-506-481-11 | CONNECTOR 2P, MALE            |
| CN3                 | 1-560-369-00 | CONNECTOR, ILC 8P, MALE       |
| CN107               | 1-573-782-21 | CONNECTOR, PHEC 60P, MALE     |
| CN108               | 1-573-782-21 | CONNECTOR, PHEC 60P, MALE     |
| CN109               | 1-573-782-21 | CONNECTOR, PHEC 60P, MALE     |
| CN14                | 1-526-660-21 | SOCKET, IC 32P                |
| CN1212              | 1-526-660-21 | SOCKET, IC 32P                |
| CV1                 | 1-141-389-11 | CAP, TRIMMER 50pF             |
| D100-105            | 8-719-941-23 | DIODE DA204U                  |
| D200-208            | 8-719-941-23 | DIODE DA204U                  |
| D210                | 8-719-938-72 | DIODE SB01-05CP               |
| D211                | 8-719-941-23 | DIODE DA204U                  |
| D213                | 8-719-941-23 | DIODE DA204U                  |
| D214                | 8-719-941-23 | DIODE DA204U                  |
| D215                | 8-719-941-23 | DIODE DA204U                  |
| IC1                 | 8-759-151-97 | IC UPD70320GJ-8-5BG           |
| IC2                 | 8-759-043-34 | IC CXD8310M                   |
| *IC3                | 8-759-507-51 | IC MS6264CLL-10PC-EF          |
| *IC7                | 8-759-397-04 | IC LC3564SM-10                |
| IC4                 | 8-759-326-97 | IC C1001-UWV1000SY-V200       |
| IC5                 | 8-759-095-41 | IC CXD8178AQ                  |
| IC6                 | 8-759-054-54 | IC SM2016M10                  |
| IC7                 | 8-759-369-92 | IC MS1958AFP6000              |
| IC9                 | 8-759-926-77 | IC SN74HC541ANS               |
| IC10                | 8-759-925-74 | IC TC74HC04ANS                |
| IC11                | 8-759-925-85 | IC SN74HC32ANS                |
| IC12                | 8-759-925-90 | IC SN74HC74ANS                |
| IC13                | 8-759-031-69 | IC MC1485M                    |
| IC14                | 8-759-031-68 | IC MC1489AM                   |
| IC15                | 8-759-192-25 | IC UPD6453GT-635-E2           |
| IC100               | 8-759-175-77 | IC CXD8384Q                   |
| IC101               | 8-759-100-96 | IC UP4558G2                   |
| IC102               | 8-759-925-05 | IC LM2903PS                   |
| IC103               | 8-759-356-17 | IC NJM4556AM-A-TE2            |
| IC200               | 8-759-300-71 | IC HD14053BFP                 |
| IC201               | 8-759-510-71 | IC SC2862-E2                  |
| IC202               | 8-759-192-26 | IC HD6435348RA00F             |

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| IC203               | 8-759-925-76 | IC SN74HC08ANS             |
| IC204               | 8-759-925-74 | IC TC74HC04ANS             |
| IC206               | 8-759-916-23 | IC SN74HC27N               |
| IC207               | 8-759-925-79 | IC SN74HC11ANS             |
| IC208               | 8-759-926-11 | IC SN74HC138ANS            |
| IC209               | 8-759-925-85 | IC SN74HC32ANS             |
| IC210               | 8-759-925-76 | IC SN74HC08ANS             |
| IC211               | 8-752-381-84 | IC CXD1095Q                |
| IC212               | 8-759-391-83 | IC C2001-UWV1000SY-V203    |
| *IC213              | 8-759-507-51 | IC MS6264CLL-10PC-EF       |
|                     | 8-759-397-04 | IC LC3564SM-10             |
| IC214               | 8-759-300-71 | IC HD14053BFP              |
| IC215               | 8-759-300-71 | IC HD14053BFP              |
| IC216               | 8-759-625-05 | IC LM2903PS                |
| IC217               | 8-759-239-23 | IC TC74HC86AF              |
| IC219               | 8-752-343-05 | IC CXD220Q2                |
| IC220               | 8-759-100-95 | IC UP324G2                 |
| IC221               | 8-759-300-71 | IC HD14053BFP              |
| IC222               | 8-759-100-95 | IC UP324G2                 |
| IC223               | 8-759-106-02 | IC UP4570G2                |
| IC224               | 8-759-141-05 | IC UP4574G2                |
| IC225               | 8-759-106-02 | IC UP4570G2                |
| IC226               | 8-752-381-84 | IC CXD1095Q                |
| IC227               | 8-759-913-99 | IC MB88201-173N            |
| IC228               | 8-759-927-29 | IC SN74HC04ANS             |
| IC229               | 8-759-977-80 | IC MB88342PF               |
| IC230               | 8-759-925-05 | IC LM2903PS                |
| IC231               | 8-759-106-02 | IC UP4570G2                |
| IC232               | 8-759-925-05 | IC LM2903PS                |
| IC233               | 8-759-106-02 | IC UP4570G2                |
| L1                  | 1-408-411-00 | INDUCTOR 15uH              |
| L200                | 1-412-533-21 | INDUCTOR 47uH              |
| L201                | 1-412-533-21 | INDUCTOR 47uH              |
| PS1                 | 1-532-637-00 | LINK, IC 1.0A              |
| PS2                 | 1-532-637-00 | LINK, IC 1.0A              |
| Q105                | 8-729-905-12 | TRANSISTOR DTA144EU        |
| Q106                | 8-729-422-44 | TRANSISTOR 2SK663          |
| Q107                | 8-729-905-12 | TRANSISTOR DTA144EU        |
| Q108                | 8-729-422-44 | TRANSISTOR 2SK663          |
| Q204-209            | 8-729-905-18 | TRANSISTOR DTC144EU        |
| Q210                | 8-729-209-06 | TRANSISTOR 2SC4213-A       |
| Q211                | 8-729-209-06 | TRANSISTOR 2SC4213-A       |
| R1                  | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W   |
| R4                  | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W  |
| R7                  | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W  |
| R9                  | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W  |
| R11                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |
| R12                 | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W  |
| R14                 | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W  |
| R24                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |
| R26                 | 1-208-817-11 | METAL, CHIP 30k 0.5% 1/10W |
| R27                 | 1-208-811-11 | METAL, CHIP 16k 0.5% 1/10W |
| R31                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |
| R33                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |
| R35                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |
| R36-41              | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W   |
| R43                 | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UWV-1400/1400P/1200/1200P

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R45                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R47                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R49                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R51                 | 1-216-073-00 | s METAL, CHIP 100 5% 1/10W    |
| R55                 | 1-216-025-91 | s METAL, CHIP 10k 5% 1/10W    |
| R56                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R57                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R58                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| *R59                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| *R60                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R61                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R62                 | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R63                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R64                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R65                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R66                 | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R67                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R68                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R69                 | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R100                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R101                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R102                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R103                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R104                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R105                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R106                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R107                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R108                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R109                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R110                | 1-216-067-00 | s METAL, CHIP 5.6k 5% 1/10W   |
| R111                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R112                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R118                | 1-216-067-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R129                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R130                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R131                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R132                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R133                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R134                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R135                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R136                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R137                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R138                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R139                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R140                | 1-216-071-00 | s METAL, CHIP 8.2k 5% 1/10W   |
| R141                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R142                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R145                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R146                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R149                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R150                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R151                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R200                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R201                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R202                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R203                | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R204-213            | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R214                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R215                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R216                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R218                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R219                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R220                | 1-208-817-11 | s METAL, CHIP 30k 0.5% 1/10W  |
| R221                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R222                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R223                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| *R224               | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| *R225               | 1-218-764-11 | s METAL, CHIP 330k 0.5% 1/10W |
| R227                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R228                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R229                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R231                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R232                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R233                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R235                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R236                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R237                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R238                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R239                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R240                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R241                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R242                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R244                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R245                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R254                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R255                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R256                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R257                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R258                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R250                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R261                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R262                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R263                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| *R264               | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W   |
| *R265               | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
|                     | 1-216-105-91 | s METAL, CHIP 220k 5% 1/10W   |
| R268                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R269                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R275                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R276                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R277                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R281                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R282                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R283                | 1-220-221-11 | s METAL, CHIP 100 5% 1/2W     |
| R284                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R285                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R286                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R287                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R288                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R289                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R290                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R291                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R292                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R294                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R295                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R297                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R298                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R299                | 1-216-109-00 | s METAL, CHIP 330k 5% 1/10W |
| R300                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R302                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R303                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R304                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R306                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R307                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R309                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R310                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R311                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W  |
| R312                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R313                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R314                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R315                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R316                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R317                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R318                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R319                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R320                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R321                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R322                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R323                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R324                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R325                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R326-331            | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R332                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W |
| R333                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R334                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R335                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R336                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R337                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R338                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R339                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R340                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W |
| R341                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R342                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W |
| R343                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R344                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R345                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W  |
| R346-350            | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R351                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W   |
| R352                | 1-216-039-00 | s METAL, CHIP 390 5% 1/10W  |
| R353-381            | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R382                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R383                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R385                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R386                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R387                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R388                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R389                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R390                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R391                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W  |
| R392                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R393                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |
| R394                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W  |

## (SS-53A BOARD)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R395                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R396                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R397                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R398                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R399                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R400                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R401                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R402                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R403                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R404                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R405                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R406                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R407                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R408                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R409                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R410                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R411                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R412                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R413                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R414                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R415                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R416                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R417                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R418                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |
| R419                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R420                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R421                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R422                | 1-216-699-11 | s METAL, CHIP 100k 0.5% 1/10W |
| R423                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| RB1                 | 1-239-304-11 | s RESISTOR BLOCK, CHIP 2.2kx8 |
| RB2                 | 1-239-308-11 | s RESISTOR BLOCK, CHIP 47kx8  |
| RB201               | 1-239-304-11 | s RESISTOR BLOCK, CHIP 2.2kx8 |
| RB202               | 1-239-309-11 | s RESISTOR BLOCK, CHIP 100kx8 |
| RB203               | 1-239-306-11 | s RESISTOR BLOCK, CHIP 10kx8  |
| S1                  | 1-692-535-11 | s SWITCH, DIP 4-CKT           |
| S201                | 1-692-536-11 | s SWITCH, DIP 8-CKT           |
| X1                  | 1-579-930-12 | s RESONATOR, CERAMIC 16.00MHz |
| X101                | 1-579-993-21 | s CRYSTAL 13.50MHz            |
| X200                | 1-579-996-21 | s RESONATOR, CERAMIC 20.00MHz |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## TBC-28 BOARD (for NTSC)

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| 1pc                 | A-8275-572-A | o MOUNTED CIRCUIT BOARD, TBC-28 |
| 1pc                 | 3-182-386-02 | o PLATE, SHIELD (L), CARD       |
| C2                  | 7-621-759-45 | s SCREW, #FWS2.6x6              |
| 1pc                 | 3-179-084-01 | s LEVER (R), PC BOARD           |
| 1pc                 | 3-179-085-01 | s LEVER (L), PC BOARD           |
| 2pcs                | 1-750-484-11 | s BUS-BAR                       |
| C1                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C2                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C3                  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C4                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C5                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C6                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C7                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C8                  | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C9                  | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C10                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C11                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C12                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C13                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C14                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C15                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C16                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C17                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C18                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C19                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C20                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C21                 | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C22                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C100                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C101                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C102                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C103                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C104                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C105                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C106                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C107                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C108                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C109                | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C110                | 1-131-353-00 | s TANTALUM 10uF 10% 35V         |
| C111                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C112                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C113                | 1-126-934-11 | s ELECT 220uF 20% 16V           |
| C114                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C115                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C116                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C117                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C118                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C200                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C201                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C202                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C203                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C204                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C205                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C206                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C207                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C208                | 1-163-809-11 | s CERAMIC, CHIP 0.047uF 10% 25V |
| C209                | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C210                | 1-131-353-00 | s TANTALUM 10uF 10% 35V         |

## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C211                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C212                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C213                | 1-126-934-11 | s ELECT 220uF 20% 16V           |
| C214                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C215                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C216                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C218                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C300                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C301                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C302                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C303                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C305                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C306                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C307                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C308                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C309                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C310                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C311                | 1-126-947-11 | s ELECT 47uF 20% 35V            |
| C312-316            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C317                | 1-126-964-11 | s ELECT 10uF 20% 50V            |
| C318                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C319                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C320                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C321                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C322                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C324                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C325                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C326                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C327                | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C328                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C329                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C330                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C331                | 1-124-903-11 | s ELECT 1uF 20% 50V             |
| C332                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C333                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C334                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C335                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C336                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C337                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V |
| C338                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C339                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C340                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C341                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V    |
| C342                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C344                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| *C345               | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
|                     | 1-163-247-11 | s CERAMIC, CHIP 68pF 5% 50V     |
|                     | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C347                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| *C348               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| *C349               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C350                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C351                | 1-164-489-11 | s CERAMIC, CHIP 0.22uF 10% 16V  |
| C352                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| C353                | 1-124-925-11 | s ELECT 2.2uF 20% 100V          |
| *C354               | 1-163-120-00 | s CERAMIC, CHIP 130pF 5% 50V    |
| C355                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |
| C356                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V     |

\*8  
\*42  
\*12

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\*9

\*9

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C357                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C359                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C360                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C361                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C362                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C363                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C364                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C400                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C401                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C402                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C404                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C405                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C406                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C407                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V         |
| C408                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5K 50V     |
| C409                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| C410                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C411                | 1-163-106-00 | s CERAMIC, CHIP 36pF 5K 50V     |
| C412                | 1-163-120-00 | s CERAMIC, CHIP 130pF 5K 50V    |
| C413                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5K 50V    |
| C414-419            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C420                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5K 50V     |
| C421                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C423                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C424                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C425                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C426                | 1-124-903-11 | s ELECT 1uF 20K 50V             |
| C427                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C428                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C429                | 1-124-903-11 | s ELECT 1uF 20K 50V             |
| C430                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C431                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C432                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C433                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5K 50V    |
| C434                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| C435                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C436                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C437                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5K 50V    |
| C438                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C439                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C440                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
| C441                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C442                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5K 50V    |
| C443                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C445                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| *C446               | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
|                     | 1-163-247-11 | s CERAMIC, CHIP 68pF 5K 50V     |
|                     | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| C447                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C448                | 1-126-933-11 | s ELECT 100uF 20K 16V           |
| C449                | 1-164-489-11 | s CERAMIC, CHIP 0.22uF 10K 16V  |
| C450                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C451                | 1-124-925-11 | s ELECT 2.2uF 20K 100V          |
| C452                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C454                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C455                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C456                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C457                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C458                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C459                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C461                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C462                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5K 50V     |
| *C463               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5K 50V     |
| *C464               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5K 50V     |
| *C465               | 1-163-121-00 | s CERAMIC, CHIP 150pF 5K 50V    |
| C501                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C502                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C503                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C504                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C506                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C507                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C508                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C509                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C510                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C511                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C512                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C513                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C514                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
| C516                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C517                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C524                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C525                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C526                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C528                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C529                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C530                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C531                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C532                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C533                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C534                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C535                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C536                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C537                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C538                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C539                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C540                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C542                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C543                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C544                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C545                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5K 50V    |
| C546                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5K 50V     |
| C547-553            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| *C554               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5K 50V     |
| *C555               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5K 50V     |
| *C700               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C701                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10K 100V |
| C702                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V  |
| C703                | 1-131-345-00 | s TANTALUM 0.47uF 10K 35V       |
| C704                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5K 50V     |
| C705                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5K 50V    |
| C706                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C707                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10K 25V   |
| C708                | 1-126-947-11 | s ELECT 47uF 20K 35V            |
| C709                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C710                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C711                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| C712                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| *C713               | 1-163-237-11 | CERAMIC, CHIP 27pF 5% 50V     |
|                     | 1-163-241-11 | CERAMIC, CHIP 39pF 5% 50V     |
|                     | 1-163-106-00 | CERAMIC, CHIP 36pF 5% 50V     |
| *C714               | 1-163-251-11 | CERAMIC, CHIP 100pF 5% 50V    |
|                     | 1-163-102-00 | CERAMIC, CHIP 24pF 5% 50V     |
| C715                | 1-164-232-11 | CERAMIC, CHIP 0.01uF 10% 100V |
| C716                | 1-163-239-11 | CERAMIC, CHIP 33pF 5% 50V     |
| C717                | 1-163-263-11 | CERAMIC, CHIP 330pF 5% 50V    |
| C718                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C719                | 1-126-947-11 | ELCCT 47uF 20% 35V            |
| C720                | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| C721                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C722                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C723                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C724                | 1-163-243-11 | CERAMIC, CHIP 47pF 5% 50V     |
| C725                | 1-163-243-11 | CERAMIC, CHIP 47pF 5% 50V     |
| C726                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C727                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C728                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C729                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C730                | 1-163-113-00 | CERAMIC, CHIP 68pF 5% 50V     |
| C731                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C732                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C733                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C734                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C735                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C736                | 1-163-121-00 | CERAMIC, CHIP 150pF 5% 50V    |
| C737                | 1-163-263-11 | CERAMIC, CHIP 330pF 5% 50V    |
| C738                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C739                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C740                | 1-163-102-00 | CERAMIC, CHIP 24pF 5% 50V     |
| C741                | 1-163-125-00 | CERAMIC, CHIP 220pF 5% 50V    |
| C742                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C743                | 1-131-353-00 | TANTALUM 10uF 10% 35V         |
| *C744               | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C745                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C746                | 1-163-120-00 | CERAMIC, CHIP 130pF 5% 50V    |
| C747                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| *C748               | 1-163-237-11 | CERAMIC, CHIP 27pF 5% 50V     |
|                     | 1-163-241-11 | CERAMIC, CHIP 39pF 5% 50V     |
|                     | 1-163-106-00 | CERAMIC, CHIP 36pF 5% 50V     |
| C749                | 1-163-120-00 | CERAMIC, CHIP 130pF 5% 50V    |
| *C750               | 1-163-251-11 | CERAMIC, CHIP 100pF 5% 50V    |
|                     | 1-163-102-00 | CERAMIC, CHIP 24pF 5% 50V     |
| C751                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C752                | 1-164-232-11 | CERAMIC, CHIP 0.01uF 10% 100V |
| C753                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C754                | 1-163-263-11 | CERAMIC, CHIP 330pF 5% 50V    |
| C755                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C756                | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| C757                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C758                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C759                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C760                | 1-163-243-11 | CERAMIC, CHIP 47pF 5% 50V     |
| C761                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C762                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |

## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| C763                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C764                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C765                | 1-124-903-11 | ELECT 1uF 20% 50V             |
| C767                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C768                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C769                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C770                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C771                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C772                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C773                | 1-163-120-00 | CERAMIC, CHIP 130pF 5% 50V    |
| C774                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C775                | 1-163-120-00 | CERAMIC, CHIP 130pF 5% 50V    |
| C776                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C777                | 1-164-232-11 | CERAMIC, CHIP 0.01uF 10% 100V |
| C778                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C779                | 1-163-113-00 | CERAMIC, CHIP 68pF 5% 50V     |
| C780                | 1-163-231-11 | CERAMIC, CHIP 15pF 5% 50V     |
| C781                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C782                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C783                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C784                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C785                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C786                | 1-163-243-11 | CERAMIC, CHIP 47pF 5% 50V     |
| C787                | 1-163-125-00 | CERAMIC, CHIP 220pF 5% 50V    |
| C788                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C789                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C790                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C791                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C792                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| *C793               | 1-163-243-11 | CERAMIC, CHIP 47pF 5% 50V     |
|                     | 1-163-237-11 | CERAMIC, CHIP 27pF 5% 50V     |
| C794                | 1-131-345-00 | TANTALUM 0.47uF 10% 35V       |
| C795                | 1-131-353-00 | TANTALUM 10uF 10% 35V         |
| C796                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C797                | 1-126-947-11 | ELECT 47uF 20% 35V            |
| C798                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C799                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C800                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| C801                | 1-163-033-91 | CERAMIC, CHIP 0.022uF 50V     |
| *C802               | 1-163-237-11 | CERAMIC, CHIP 27pF 5% 50V     |
|                     | 1-163-241-11 | CERAMIC, CHIP 39pF 5% 50V     |
|                     | 1-163-106-00 | CERAMIC, CHIP 36pF 5% 50V     |
| *C803               | 1-163-251-11 | CERAMIC, CHIP 100pF 5% 50V    |
|                     | 1-163-102-00 | CERAMIC, CHIP 24pF 5% 50V     |
| C804                | 1-164-232-11 | CERAMIC, CHIP 0.01uF 10% 100V |
| C805                | 1-163-263-11 | CERAMIC, CHIP 330pF 5% 50V    |
| C806                | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| C807                | 1-164-004-11 | CERAMIC, CHIP 0.1uF 10% 25V   |
| C808                | 1-163-275-11 | CERAMIC, CHIP 0.001uF 5% 50V  |
| *C809               | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| *C810               | 1-163-809-11 | CERAMIC, CHIP 0.047uF 10% 25V |
| CN1                 | 1-564-005-11 | CONNECTOR GP, MALE            |
| CN2                 | 1-564-005-11 | CONNECTOR GP, MALE            |
| CN105               | 1-573-782-21 | CONNECTOR, PHC 60P, MALE      |
| CN106               | 1-573-782-21 | CONNECTOR, PHC 60P, MALE      |
| *C7700              | 1-141-442-91 | CAP, TRIMMER 20pF             |
|                     | 1-141-443-11 | CAP, TRIMMER 30pF             |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description        |
|---------------------|----------------|-----------------------|
| *C7701              | 1-141-442-91 s | CAP, TRIMMER 20pF     |
|                     | 1-141-443-11 s | CAP, TRIMMER 30pF     |
| *C7702              | 1-141-442-91 s | CAP, TRIMMER 20pF     |
|                     | 1-141-443-11 s | CAP, TRIMMER 30pF     |
| D1                  | 8-719-941-04 s | DIODE SR007-03CP      |
| D2                  | 8-719-941-04 s | DIODE SR007-03CP      |
| D100                | 8-719-941-23 s | DIODE DA204U          |
| D101                | 8-719-123-82 s | DIODE ISS303-T1       |
| D102                | 8-719-123-85 s | DIODE ISS304          |
| D200                | 8-719-941-23 s | DIODE DA204U          |
| D301                | 8-719-941-23 s | DIODE DA204U          |
| D302                | 8-719-105-38 s | DIODE RD3.0M-B1       |
| D303                | 8-719-041-39 s | DIODE KV1470          |
| D304                | 8-719-041-39 s | DIODE KV1470          |
| D401                | 8-719-941-23 s | DIODE DA204U          |
| D402                | 8-719-105-38 s | DIODE RD3.0M-B1       |
| D403                | 8-719-041-39 s | DIODE KV1470          |
| D404                | 8-719-041-39 s | DIODE KV1470          |
| D502                | 8-719-123-82 s | DIODE ISS303-T1       |
| D503                | 8-719-123-82 s | DIODE ISS303-T1       |
| D505                | 8-719-123-85 s | DIODE ISS304          |
| D506                | 8-719-123-85 s | DIODE ISS304          |
| *D700               | 8-713-300-88 s | DIODE IT33C-01        |
|                     | 8-719-002-81 s | DIODE IT363A-M20-T8A  |
| *D703               | 8-713-300-88 s | DIODE IT33C-01        |
|                     | 8-719-002-81 s | DIODE IT363A-M20-T8A  |
| *D704               | 8-713-300-88 s | DIODE IT33C-01        |
|                     | 8-719-002-81 s | DIODE IT363A-M20-T8A  |
| D705                | 8-719-123-85 s | DIODE ISS304          |
| D706                | 8-719-123-82 s | DIODE ISS303-T1       |
| *D707               | 8-719-123-82 s | DIODE ISS303-T1       |
| FL500               | 1-239-769-11 s | FILTER, LOW-PASS 5MHz |
| FL501               | 1-239-767-11 s | FILTER, LOW-PASS 2MHz |
| FL502               | 1-239-767-11 s | FILTER, LOW-PASS 2MHz |
| IC1                 | 8-759-168-20 s | IC TA78L08S           |
| IC2                 | 8-759-168-20 s | IC TA78L08S           |
| IC3                 | 8-759-822-95 s | IC L79M0ST-PA         |
| IC4                 | 8-759-822-95 s | IC L79M0ST-PA         |
| IC5                 | 8-759-182-84 s | IC PQ05S25U           |
| IC6                 | 8-759-182-84 s | IC PQ05S25U           |
| IC7                 | 8-759-182-84 s | IC PQ05S25U           |
| *IC8                | 8-759-700-65 s | IC NJM79L05A          |
| IC100               | 8-759-030-74 s | IC SC14566FEL         |
| IC101               | 8-759-981-48 s | IC NJM082M            |
| IC102               | 8-759-908-15 s | IC TL431CLP           |
| IC103               | 8-752-334-55 s | IC CXD1175M           |
| IC200               | 8-759-030-74 s | IC SC14566FEL         |
| IC203               | 8-752-334-55 s | IC CXD1175M           |
| IC300               | 8-759-702-08 s | IC NJM360M            |
| IC301               | 8-752-339-03 s | IC CXD2207Q           |
| IC302               | 8-759-300-71 s | IC HD14053BFP         |
| IC303               | 8-759-100-96 s | IC UPC4558G2          |
| IC304               | 8-759-100-96 s | IC UPC4558G2          |
| IC305               | 8-759-941-27 s | IC MB4002PF           |
| IC306               | 8-759-907-81 s | IC SN74LS221NS        |

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| Ref. No.<br>or Q'ty | Part No. | SP Description                  |
|---------------------|----------|---------------------------------|
| *8                  | IC307    | 8-759-991-85 s IC 74F00SJ       |
| *9                  | IC308    | 8-759-030-74 s IC SC14566FEL    |
|                     | *IC310   | 8-759-035-93 s IC TC7532F-TE85L |
| *8                  | IC400    | 8-759-702-08 s IC NJM360M       |
| *9                  | IC401    | 8-752-339-03 s IC CXD2207Q      |
|                     | IC402    | 8-759-100-96 s IC UPC4558G2     |
|                     | IC403    | 8-759-100-96 s IC UPC4558G2     |
|                     | *IC404   | 8-759-194-31 s IC MB4002PF-ER   |
|                     | IC405    | 8-759-702-08 s IC NJM360M       |
|                     | IC406    | 8-759-907-81 s IC SN74LS221NS   |
|                     | IC407    | 8-759-926-24 s IC SN74HC164ANS  |
|                     | IC408    | 8-759-991-85 s IC 74F00SJ       |
|                     | IC409    | 8-759-030-74 s IC SC14566FEL    |
|                     | *IC409   | 8-759-035-93 s IC TC7532F-TE85L |
|                     | IC501    | 8-752-362-70 s IC CXD101-106Q   |
|                     | IC502    | 8-752-362-70 s IC CXD101-106Q   |
|                     | IC503    | 8-759-055-71 s IC CXD8313Q      |
|                     | IC504    | 8-759-055-71 s IC CXD8313Q      |
|                     | IC505    | 8-752-340-52 s IC CXK48324Q     |
|                     | IC506    | 8-759-926-55 s IC SN74HC266NS   |
|                     | IC507    | 8-759-147-05 s IC UPD42101G-3   |
|                     | IC508    | 8-752-340-52 s IC CXK48324Q     |
|                     | IC509    | 8-759-927-45 s IC SN74HC00ANS   |
|                     | IC510    | 8-759-926-77 s IC SN74HC541ANS  |
|                     | IC511    | 8-759-925-78 s IC SN74HC10ANS   |
|                     | IC512    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC513    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC514    | 8-759-239-55 s IC TC74HC123AF   |
|                     | IC516    | 8-759-981-48 s IC NJM082M       |
|                     | IC518    | 8-752-363-43 s IC CXD1171M-1-TH |
|                     | IC519    | 8-752-363-43 s IC CXD1171M-1-TH |
|                     | IC520    | 8-752-363-43 s IC CXD1171M-1-TH |
|                     | IC522    | 8-759-926-24 s IC SN74HC164ANS  |
|                     | IC523    | 8-759-925-85 s IC SN74HC32ANS   |
|                     | IC524    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC525    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC526    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC527    | 8-759-926-18 s IC SN74HC157ANS  |
|                     | IC528    | 8-759-925-90 s IC SN74HC74ANS   |
|                     | IC529    | 8-759-926-27 s IC SN74HC173NS   |
|                     | IC530    | 8-759-926-27 s IC SN74HC173NS   |
|                     | IC531    | 8-759-926-27 s IC SN74HC173NS   |
|                     | IC532    | 8-759-926-27 s IC SN74HC173NS   |
|                     | IC533    | 8-759-031-84 s IC TC7504F       |
|                     | IC534    | 8-759-926-56 s IC SN74HC273ANS  |
|                     | IC535    | 8-759-009-05 s IC MC140518F     |
|                     | IC700    | 8-759-300-71 s IC HD14053BFP    |
|                     | IC701    | 8-759-981-48 s IC NJM082M       |
|                     | *IC702   | 8-759-908-15 s IC TL431CLP      |
|                     | IC703    | 8-759-987-27 s IC LM1881M       |
|                     | IC704    | 8-752-332-67 s IC CXD1217M      |
|                     | IC705    | 8-759-239-23 s IC TC74HC36AF    |
|                     | IC706    | 8-759-702-08 s IC NJM360M       |
|                     | IC707    | 8-759-100-96 s IC UPC4558G2     |
|                     | IC708    | 8-759-908-15 s IC TL431CLP      |
|                     | IC709    | 8-759-239-55 s IC TC74HC123AF   |
|                     | IC710    | 8-759-239-55 s IC TC74HC123AF   |
|                     | IC711    | 8-759-925-74 s IC TC74HC00ANS   |
|                     | IC712    | 8-759-250-81 s IC TC5081AP      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| IC713               | 8-752-335-47 | IC CXD1216M              |
| IC714               | 8-759-336-06 | IC MC68HC05C4-SC412511FU |
| IC715               | 8-759-300-71 | IC HD140538FP            |
| IC716               | 8-759-925-76 | IC SN74HC08ANS           |
| *IC717              | 8-759-031-84 | IC TC7S04F               |
| IC718               | 8-759-031-84 | IC TC7S04F               |
| IC719               | 8-759-031-84 | IC TC7S04F               |
| IC721               | 8-759-239-55 | IC TC74HC123AF           |
| IC722               | 8-752-343-03 | IC CXD2214Q              |
| IC723               | 8-759-925-85 | IC SN74HC32ANS           |
| *IC724              | 8-759-925-90 | IC SN74HC74ANS           |
| IC727               | 8-759-239-55 | IC TC74HC123AF           |
| IC728               | 8-759-035-93 | IC TC7S32F-TE85L         |
| IC729               | 8-759-927-46 | IC SN74HC08ANS           |
| IC730               | 8-759-925-90 | IC SN74HC74ANS           |
| IC732               | 8-759-031-84 | IC TC7S04F               |
| L1-5                | 1-412-533-21 | s INDUCTOR 47uH          |
| L100                | 1-410-478-11 | s INDUCTOR 47uH          |
| L101                | 1-410-476-11 | s INDUCTOR 33uH          |
| L102                | 1-410-478-11 | s INDUCTOR 47uH          |
| L103                | 1-410-478-11 | s INDUCTOR 47uH          |
| L200                | 1-410-478-11 | s INDUCTOR 47uH          |
| L201                | 1-410-476-11 | s INDUCTOR 33uH          |
| L202                | 1-410-478-11 | s INDUCTOR 47uH          |
| L203                | 1-410-478-11 | s INDUCTOR 47uH          |
| L300                | 1-410-478-11 | s INDUCTOR 47uH          |
| L301                | 1-410-478-11 | s INDUCTOR 47uH          |
| L302                | 1-408-621-31 | s INDUCTOR 300uH         |
| L303                | 1-410-492-11 | s INDUCTOR 680uH         |
| L304                | 1-408-419-00 | s INDUCTOR 68uH          |
| L305                | 1-410-478-11 | s INDUCTOR 47uH          |
| L306                | 1-410-478-11 | s INDUCTOR 47uH          |
| L307                | 1-408-406-00 | s INDUCTOR 5.6uH         |
| L308                | 1-408-411-00 | s INDUCTOR 15uH          |
| L400                | 1-410-478-11 | s INDUCTOR 47uH          |
| L401                | 1-410-478-11 | s INDUCTOR 47uH          |
| L402                | 1-408-411-00 | s INDUCTOR 15uH          |
| L403                | 1-410-476-11 | s INDUCTOR 33uH          |
| L404                | 1-410-482-31 | s INDUCTOR 100uH         |
| L405                | 1-408-425-00 | s INDUCTOR 220uH         |
| L406                | 1-408-416-00 | s INDUCTOR 39uH          |
| L407                | 1-410-478-11 | s INDUCTOR 47uH          |
| L408                | 1-410-478-11 | s INDUCTOR 47uH          |
| L500-505            | 1-410-478-11 | s INDUCTOR 47uH          |
| L700                | 1-410-482-31 | s INDUCTOR 100uH         |
| L701                | 1-408-419-00 | s INDUCTOR 68uH          |
| L702                | 1-410-478-11 | s INDUCTOR 47uH          |
| L703                | 1-410-478-11 | s INDUCTOR 47uH          |
| L704                | 1-410-478-11 | s INDUCTOR 47uH          |
| L705                | 1-410-478-11 | s INDUCTOR 47uH          |
| L706                | 1-410-482-31 | s INDUCTOR 100uH         |
| L707                | 1-410-476-11 | s INDUCTOR 33uH          |
| L708                | 1-410-478-11 | s INDUCTOR 47uH          |
| L709                | 1-410-478-11 | s INDUCTOR 47uH          |
| L711                | 1-408-419-00 | s INDUCTOR 68uH          |
| L712                | 1-408-419-00 | s INDUCTOR 68uH          |
| L713                | 1-410-478-11 | s INDUCTOR 47uH          |
| L714                | 1-410-478-11 | s INDUCTOR 47uH          |

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L715                | 1-410-478-11 | s INDUCTOR 47uH           |
| L716                | 1-410-478-11 | s INDUCTOR 47uH           |
| LV300               | 1-406-746-11 | s INDUCTOR, VAR 22uH      |
| *LV400              | 1-406-745-11 | s INDUCTOR, VAR 6.8uH     |
| Q100                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| *Q103               | 8-729-422-44 | s TRANSISTOR 2SK663       |
|                     | 8-729-118-56 | s TRANSISTOR 2SK852-X2    |
| *Q104               | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q200                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q201                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q202                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| *Q203               | 8-729-422-44 | s TRANSISTOR 2SK663       |
|                     | 8-729-118-56 | s TRANSISTOR 2SK852-X2    |
| Q300                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q301                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q302                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q303                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q304                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34  |
| Q305                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q306                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q400                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q401                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q402                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q403                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q404                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q405                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34  |
| Q406                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q407                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q501                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q502                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q503                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q700                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q701                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q702                | 8-729-907-26 | s TRANSISTOR 1M1          |
| Q703                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q704                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q705                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q706                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q707                | 8-729-907-46 | s TRANSISTOR 1M2          |
| *Q708               | 8-729-201-27 | s TRANSISTOR 2SC2715-Y    |
|                     | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
|                     | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q709                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34  |
| Q710                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q711                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q712                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q713                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q714                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q715                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q716                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| *Q717               | 8-729-201-27 | s TRANSISTOR 2SC2715-Y    |
|                     | 8-729-120-28 | s TRANSISTOR 2SC1623-L5L6 |
|                     | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q718                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| Q719                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6    |
| Q720                | 8-729-905-18 | s TRANSISTOR DTC144EU        |
| *Q721               | 8-729-201-27 | s TRANSISTOR 2SC2715-Y       |
|                     | 8-729-120-28 | s TRANSISTOR 2SC1623-LSL6    |
|                     | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q722                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34     |
| *Q723               | 8-729-907-46 | s TRANSISTOR IMZ1            |
| R100                | 1-216-638-11 | s METAL CHIP 300 0.5% 1/10W  |
| R101                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R102                | 1-216-659-11 | s METAL CHIP 2.2k 0.5% 1/10W |
| R103                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W    |
| R104                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R105                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R106                | 1-216-652-11 | s METAL CHIP 1.1k 0.5% 1/10W |
| R107                | 1-216-652-11 | s METAL CHIP 1k 5% 1/10W     |
| R108                | 1-216-059-00 | s METAL CHIP 2.7k 5% 1/10W   |
| R109                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R110                | 1-216-093-00 | s METAL CHIP 68k 5% 1/10W    |
| R111                | 1-216-061-00 | s METAL CHIP 3.3k 5% 1/10W   |
| R112                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R113                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R114                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R115                | 1-216-087-91 | s METAL CHIP 100k 5% 1/10W   |
| R116                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R117                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R118                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R119                | 1-216-037-00 | s METAL CHIP 330 5% 1/10W    |
| R120                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R121                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R122                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R123                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| *R124               | 1-216-065-00 | s METAL CHIP 4.7k 5% 1/10W   |
| *R125               | 1-216-059-00 | s METAL CHIP 2.7k 5% 1/10W   |
| R200                | 1-216-638-11 | s METAL CHIP 300 0.5% 1/10W  |
| R201                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R202                | 1-216-659-11 | s METAL CHIP 2.2k 0.5% 1/10W |
| R203                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W    |
| R204                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R205                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R206                | 1-216-652-11 | s METAL CHIP 1.1k 0.5% 1/10W |
| R207                | 1-216-652-11 | s METAL CHIP 1.1k 0.5% 1/10W |
| R208                | 1-216-059-00 | s METAL CHIP 2.7k 5% 1/10W   |
| R209                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R210                | 1-216-081-00 | s METAL CHIP 22k 5% 1/10W    |
| R211                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R212                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R213                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R214                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R215                | 1-216-087-91 | s METAL CHIP 100k 5% 1/10W   |
| R222                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R223                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R301                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R302                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R303                | 1-216-065-00 | s METAL CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R305                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R306                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R307                | 1-216-051-00 | s METAL CHIP 1.2k 5% 1/10W   |

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R308                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R309                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| *R310               | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| *R311               | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| *R312               | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-059-00 | s METAL CHIP 2.7k 5% 1/10W   |
| R314                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R315                | 1-216-089-91 | s METAL CHIP 47k 5% 1/10W    |
| R316                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R317                | 1-216-071-00 | s METAL CHIP 8.2k 5% 1/10W   |
| R318                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W    |
| R319                | 1-208-806-11 | s METAL CHIP 10k 0.5% 1/10W  |
| R320                | 1-216-295-91 | s RES CHIP 0                 |
| R321                | 1-216-065-00 | s METAL CHIP 4.7k 5% 1/10W   |
| R322                | 1-216-677-11 | s METAL CHIP 12k 0.5% 1/10W  |
| R323                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R324                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R325                | 1-216-117-00 | s METAL CHIP 680k 5% 1/10W   |
| R326                | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W  |
| R328                | 1-216-687-11 | s METAL CHIP 33k 0.5% 1/10W  |
| R329                | 1-208-800-11 | s METAL CHIP 5.6k 0.5% 1/10W |
| R330                | 1-216-634-11 | s METAL CHIP 200 0.5% 1/10W  |
| R331                | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R332                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R333                | 1-216-667-11 | s METAL CHIP 4.7k 0.5% 1/10W |
| R334                | 1-216-121-91 | s METAL CHIP 1M 5% 1/10W     |
| R335                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R336                | 1-216-061-00 | s METAL CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-671-11 | s METAL CHIP 6.8k 0.5% 1/10W |
| R338                | 1-208-810-11 | s METAL CHIP 15k 0.5% 1/10W  |
| R339                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| *R340               | 1-216-025-91 | s METAL CHIP 100 5% 1/10W    |
| R341                | 1-216-669-11 | s METAL CHIP 2.2k 0.5% 1/10W |
| R342                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R343                | 1-216-033-00 | s METAL CHIP 220 5% 1/10W    |
| R344                | 1-216-661-11 | s METAL CHIP 2.7k 0.5% 1/10W |
| R345                | 1-208-789-11 | s METAL CHIP 2k 0.5% 1/10W   |
| R346                | 1-208-806-11 | s METAL CHIP 10k 0.5% 1/10W  |
| R348                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R350                | 1-216-097-91 | s METAL CHIP 100k 5% 1/10W   |
| R352                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R353                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R354                | 1-216-037-00 | s METAL CHIP 330 5% 1/10W    |
| R358                | 1-216-061-00 | s METAL CHIP 3.3k 5% 1/10W   |
| *R359               | 1-208-822-11 | s METAL CHIP 47k 0.5% 1/10W  |
| R360                | 1-216-109-00 | s METAL CHIP 330k 5% 1/10W   |
| R361                | 1-216-057-00 | s METAL CHIP 2.2k 5% 1/10W   |
| R363                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R367                | 1-216-073-00 | s METAL CHIP 10k 5% 1/10W    |
| R369                | 1-216-049-91 | s METAL CHIP 1k 5% 1/10W     |
| R371                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W    |
| R372                | 1-216-041-00 | s METAL CHIP 470 5% 1/10W    |
| R373                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R374                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R375                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R376                | 1-216-017-91 | s METAL CHIP 47 5% 1/10W     |
| R380                | 1-208-814-11 | s METAL CHIP 22k 0.5% 1/10W  |
| R400                | 1-216-085-00 | s METAL CHIP 33k 5% 1/10W    |
| R401                | 1-216-065-00 | s METAL CHIP 4.7k 5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R402                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R403                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R404                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R405                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R406                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R410                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R411                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R412                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R413                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R414                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R415                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R416                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R417                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R419                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R421                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R422                | 1-216-037-00 s | METAL, CHIP 1k 5% 1/10W     |
| R423                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R424                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R425                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R426                | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W   |
| R427                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W  |
| R428                | 1-216-623-11 s | METAL, CHIP 68 0.5% 1/10W   |
| R429                | 1-216-665-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R430                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| *R431               | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R432                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R434                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R435                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R436                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R437                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R438                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R439                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R440                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R441                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R442                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R443                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R444                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R445                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R446                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R447                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R448                | 1-216-067-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R449                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R450                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R451                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R452                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R453                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W   |
| R454                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R455                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R456                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R457                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R458                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R459                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R460                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R461                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |

## (TBC-28 BOARD(for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R462                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R463                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R464                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R466                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R468                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| *R470               | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R500-506            | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R507                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R508-512            | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R513                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R514                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R519                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R521                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R523                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R529                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R540                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R541                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R564                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| *R565               | 1-216-686-11 s | METAL, CHIP 30k 0.5% 1/10W  |
|                     | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R566                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R567                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R568                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R569                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| *R570               | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R571                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R572                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R573                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R574                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R575                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R576                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R577                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R580                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R581                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R582                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R584                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R585                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R586                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R587                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R588                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R589                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R590                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R591                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R592                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R593                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R594                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R595                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R596                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R700                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R701                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R702                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R705                | 1-216-295-91 s | RES, CHIP 0                 |
| R706                | 1-216-295-91 s | RES, CHIP 0                 |
| R707                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R708                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R709                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R710                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R711                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R712                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R713                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R714                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R715                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R716                | 1-216-049-11 s | METAL, CHIP 80k 0.5% 1/10W  |
| *R717               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R718                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R719                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R720                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R721                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R722                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R723                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R724                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R725                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R726                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| *R727               | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R728                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R729                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W  |
| R730                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R731                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R732                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R733                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R734                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R735                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R736                | 1-216-649-11 s | METAL, CHIP 830 0.5% 1/10W  |
| R737                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R738                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R739                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R740                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R741                | 1-216-079-00 s | METAL, CHIP 18k 5% 1/10W    |
| R742                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R743                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R744                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| *R745               | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R746                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R747                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R748                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R749                | 1-216-871-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R750                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| *R751               | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| *R752               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| *R753               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| *R754               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| *R755               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R756                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R757                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R758                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R759                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R760                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R761                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R762                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R763                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R764                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R765                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R766                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R767                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |

## (TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R768                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R769                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R770                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R771                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R772                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R773                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R774                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R775                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R776                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R777                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R778                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R779                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R780                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R781                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R782                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R783                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R784                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R785                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R786                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R787                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R788                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R789                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R790                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| *R791               | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R792                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| *R794               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R795-801            | 1-216-037-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R802                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R803                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R804                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R805                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R806                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R807                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R808                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R809                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R810                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R811                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R812                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R813                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R814                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R815                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R816                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R817                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| *R818               | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R819                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| *R820               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| *R821               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| *R822               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| *R823               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| *R824               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R825                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R826                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R827                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R828                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R829                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R830                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R831                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| *R833               | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R834                | 1-216-296-91 s | RESS, CHIP 0                |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

(TBC-28 BOARD (for NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R837                | 1-216-295-91 s | RES, CHIP 0                 |
| R838                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R839                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R840                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R843                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R844                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W  |
| *R845               | 1-216-658-11 s | METAL, CHIP 2k 0.5% 1/10W   |
|                     | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W  |
| R846                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R848                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| *R850               | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W   |
| R851                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R852                | 1-216-295-91 s | RES, CHIP 0                 |
| R854                | 1-216-295-91 s | RES, CHIP 0                 |
| R856                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R857                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R858                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R859                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R860                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R861                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R862                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R864                | 1-216-295-91 s | RES, CHIP 0                 |
| *R865               | 1-216-295-91 s | RES, CHIP 0                 |
| *R867               | 1-216-295-91 s | RES, CHIP 0                 |
| R869                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R873                | 1-216-295-91 s | RES, CHIP 0                 |
| R875                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R876                | 1-216-133-00 s | METAL, CHIP 3.3M 5% 1/10W   |
| R877                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| RV100               | 1-241-758-11 s | RES, ADJ METAL 100          |
| RV200               | 1-241-758-11 s | RES, ADJ METAL 100          |
| RV300               | 1-241-786-11 s | RES, ADJ METAL 22k          |
| RV301               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| RV400               | 1-241-786-11 s | RES, ADJ METAL 22k          |
| RV401               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| *RV500              | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
|                     | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV501               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV502               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV700               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV701               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV703               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV706               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV707               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| S500                | 1-692-535-11 s | SWITCH, DIP 4-CKT           |
| TH400               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k    |
| X700                | 1-527-722-00 s | CRYSTAL 14.31818MHz         |
| X701                | 1-527-722-00 s | CRYSTAL 14.31818MHz         |
| X702                | 1-527-722-00 s | CRYSTAL 14.31818MHz         |

(TBC-28P BOARD (for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                               |
|---------------------|----------------|----------------------------------------------|
| 1pc                 | A-8275-606-A o | MOUNTED CIRCUIT BOARD, TBC-28P               |
| 1pc                 | 3-182-386-02 o | PLATE, SHIELD (L), CARD                      |
| 1pc                 | 7-621-759-45 s | SCREW, +PSW2.6x5                             |
| 1pc                 | 3-179-084-01 s | LEVER (R), PC BOARD                          |
| 1pc                 | 3-179-085-01 s | LEVER (L), PC BOARD                          |
| 2pcs                | 1-750-484-11 s | BUS-BAR                                      |
| *1                  | C1             | 1-126-933-11 s ELECT 100uF 20% 16V           |
| *2                  | C2             | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C3             | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C4             | 1-126-933-11 s ELECT 100uF 20% 16V           |
| *8                  | C5             | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C6             | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C7             | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C8             | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C9             | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C10            | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C11            | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C12            | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C13            | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C14            | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C15            | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
| *9                  | C16-21         | 1-126-933-11 s ELECT 100uF 20% 16V           |
| *9                  | C22            | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C100           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C101           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C102           | 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V     |
|                     | C103           | 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V     |
|                     | C104           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C105           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C106           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C107           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C108           | 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V |
|                     | C109           | 1-124-903-11 s ELECT 1uF 20% 50V             |
|                     | C110           | 1-131-353-00 s TANTALUM 10uF 10% 35V         |
|                     | C111           | 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V     |
|                     | C112           | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
| *1                  | C113           | 1-126-934-11 s ELECT 220uF 20% 16V           |
| *2                  | C114           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C115           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C116           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C117           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C118           | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C200           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C201           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C202           | 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V     |
|                     | C203           | 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V     |
|                     | C204           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C205           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C206           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C207           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C208           | 1-163-809-11 s CERAMIC, CHIP 0.047uF 10% 25V |
|                     | C209           | 1-124-903-11 s ELECT 1uF 20% 50V             |
|                     | C210           | 1-131-353-00 s TANTALUM 10uF 10% 35V         |
|                     | C211           | 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V     |
|                     | C212           | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C213           | 1-126-934-11 s ELECT 220uF 20% 16V           |
|                     | C214           | 1-126-947-11 s ELECT 47uF 20% 35V            |
|                     | C215           | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C216                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C218                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C300                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C301                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C302                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C303                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C305                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C306*               | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C307                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5K 50V    |
| C308                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5K 50V    |
| C309                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C310                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C311                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C312-316            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C317                | 1-126-964-11 s | ELECT 10uF 20K 50V            |
| C318                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C319                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C320                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C321                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C322                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5K 50V    |
| C324                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C325                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C326                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C327                | 1-124-903-11 s | ELECT 1uF 20K 50V             |
| C328                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C329                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C330                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C331                | 1-124-903-11 s | ELECT 1uF 20K 50V             |
| C332                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C333                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C334                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C335                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C336                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5K 50V    |
| C337                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C338                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C339                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C340                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C341                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C342                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5K 50V    |
| C344                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| *C345               | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
|                     | 1-163-247-11 s | CERAMIC, CHIP 68pF 5K 50V     |
|                     | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C347                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| *C348               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |
| *C349               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |
| C350                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C351                | 1-164-489-11 s | CERAMIC, CHIP 0.22uF 10K 16V  |
| C352                | 1-124-925-11 s | ELECT 2.2uF 20K 100V          |
| C353                | 1-124-925-11 s | ELECT 2.2uF 20K 100V          |
| C354                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5K 50V    |
| *C355               | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C356                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C357                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5K 50V  |
| C359                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C360                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C361                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C362                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| C363                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C364                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C400                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C401                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C402                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C404                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C405                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C406                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C407                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V         |
| C408                | 1-163-102-00 s | CERAMIC, CHIP 24pF 5K 50V     |
| C409                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C410                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C411                | 1-163-106-00 s | CERAMIC, CHIP 36pF 5K 50V     |
| C412                | 1-163-120-00 s | CERAMIC, CHIP 130pF 5K 50V    |
| C413                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5K 50V    |
| C414-419            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C420                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5K 50V     |
| C421                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C424                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C425                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C426                | 1-124-903-11 s | ELECT 1uF 20K 50V             |
| C427                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C428                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C429                | 1-124-903-11 s | ELECT 1uF 20K 50V             |
| C430                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C431                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C432                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C433                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5K 50V    |
| C434                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C435                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C436                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C437                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5K 50V    |
| C438                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C439                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C440                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C441                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C442                | 1-163-263-11 s | CERAMIC, CHIP 330pF 5K 50V    |
| C443                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C445                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| *C446               | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
|                     | 1-163-247-11 s | CERAMIC, CHIP 68pF 5K 50V     |
|                     | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C447                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C448                | 1-126-933-11 s | ELECT 100uF 20K 16V           |
| C449                | 1-164-489-11 s | CERAMIC, CHIP 0.22uF 10K 16V  |
| *C450               | 1-124-925-11 s | ELECT 2.2uF 20K 100V          |
| C451                | 1-124-925-11 s | ELECT 2.2uF 20K 100V          |
| C452                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5K 50V  |
| C454                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C455                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C456                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C457                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C458                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C459                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C461                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C462                | 1-163-102-00 s | CERAMIC, CHIP 24pF 5K 50V     |
| *C463               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |
| *C464               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| *C465               | 1-163-121-00 s | CERAMIC, CHIP 150pF 5K 50V    |
| C501                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C502                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C503                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C504                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C505                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C506                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C507                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C508                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C509                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C510                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C511                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C512                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C513                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C514                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
| C516                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C517                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C524                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C525                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C526                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C528                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C529                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C530                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C531                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C532                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C533                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C534                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C535                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C536                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C537                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C538                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C539                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C540                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C542                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C543                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C544                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C546                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V     |
| C547-552            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| *C554               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |
| *C555               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V     |
| C700                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C701                | 1-164-232-11 s | CERAMIC, CHIP 0.01uF 10K 100V |
| C702                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5K 50V  |
| C703                | 1-131-345-00 s | TANTALUM 0.47uF 10K 35V       |
| C704                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5K 50V     |
| C705                | 1-163-125-00 s | CERAMIC, CHIP 220pF 5K 50V    |
| C706                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C707                | 1-164-004-11 s | CERAMIC, CHIP 0.1uF 10K 25V   |
| C708                | 1-126-947-11 s | ELECT 47uF 20K 35V            |
| C709                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C710                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C711                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| C712                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V     |
| *C713               | 1-163-237-11 s | CERAMIC, CHIP 27pF 5K 50V     |
|                     | 1-163-241-11 s | CERAMIC, CHIP 39pF 5K 50V     |
|                     | 1-163-106-00 s | CERAMIC, CHIP 36pF 5K 50V     |
| *C714               | 1-163-251-11 s | CERAMIC, CHIP 100pF 5K 50V    |
|                     | 1-163-102-00 s | CERAMIC, CHIP 24pF 5K 50V     |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No. | SP Description                               |
|---------------------|----------|----------------------------------------------|
| *9                  | C715     | 1-164-232-11 s CERAMIC, CHIP 0.01uF 10K 100V |
|                     | C716     | 1-163-235-11 s CERAMIC, CHIP 22pF 5K 50V     |
|                     | C717     | 1-163-263-11 s CERAMIC, CHIP 330pF 5K 50V    |
|                     | C718     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C719     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C720     | 1-163-809-11 s CERAMIC, CHIP 0.047uF 10K 25V |
|                     | C721     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C722     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C723     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C724     | 1-163-243-11 s CERAMIC, CHIP 47pF 5K 50V     |
|                     | C725     | 1-163-243-11 s CERAMIC, CHIP 47pF 5K 50V     |
|                     | C726     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C727     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C728     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C729     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C730     | 1-163-249-11 s CERAMIC, CHIP 82pF 5K 50V     |
|                     | C731     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C732     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | C733     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | C734     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | C735     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | C736     | 1-163-121-00 s CERAMIC, CHIP 150pF 5K 50V    |
|                     | C738     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C739     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C740     | 1-163-102-00 s CERAMIC, CHIP 24pF 5K 50V     |
|                     | C741     | 1-163-125-00 s CERAMIC, CHIP 220pF 5K 50V    |
|                     | C742     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C743     | 1-131-353-00 s TANTALUM 10uF 10K 35V         |
|                     | *C744    | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C745     | 1-163-231-11 s CERAMIC, CHIP 15pF 5K 50V     |
|                     | C747     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | *C748    | 1-163-237-11 s CERAMIC, CHIP 27pF 5K 50V     |
|                     |          | 1-163-241-11 s CERAMIC, CHIP 39pF 5K 50V     |
|                     |          | 1-163-106-00 s CERAMIC, CHIP 36pF 5K 50V     |
|                     | *C750    | 1-163-251-11 s CERAMIC, CHIP 100pF 5K 50V    |
|                     |          | 1-163-102-00 s CERAMIC, CHIP 24pF 5K 50V     |
|                     | *C751    | 1-163-227-11 s CERAMIC, CHIP 10pF 5K 50V     |
|                     |          | 1-163-241-11 s CERAMIC, CHIP 39pF 5K 50V     |
|                     | C752     | 1-164-232-11 s CERAMIC, CHIP 0.01uF 10K 100V |
|                     | C753     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C754     | 1-163-263-11 s CERAMIC, CHIP 330pF 5K 50V    |
|                     | C755     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C756     | 1-163-809-11 s CERAMIC, CHIP 0.047uF 10K 25V |
|                     | C757     | 1-163-239-11 s CERAMIC, CHIP 33pF 5K 50V     |
|                     | C758     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C759     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10K 25V   |
|                     | C760     | 1-163-243-11 s CERAMIC, CHIP 47pF 5K 50V     |
|                     | C761     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C762     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C763     | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C764     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C765     | 1-124-903-11 s ELECT 1uF 20K 50V             |
|                     | C766     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | *C767    | 1-126-947-11 s ELECT 47uF 20K 35V            |
|                     | C768     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C769     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | *C770    | 1-126-947-11 s ELECT 47uF 20K 35V            |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| C771                | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V  |
| C772                | 1-163-231-11 | 5 CERAMIC, CHIP 15pF 5% 50V  |
| C773                | 1-163-125-00 | 5 CERAMIC, CHIP 220pF 5% 50V |
| C774                | 1-163-231-11 | 5 CERAMIC, CHIP 15pF 5% 50V  |
| C775                | 1-163-125-00 | 5 CERAMIC, CHIP 220pF 5% 50V |

|      |              |                                 |
|------|--------------|---------------------------------|
| C776 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V     |
| C777 | 1-164-232-11 | 5 CERAMIC, CHIP 0.01uF 10% 100V |
| C778 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V     |
| C779 | 1-163-113-00 | 5 CERAMIC, CHIP 68pF 5% 50V     |
| C780 | 1-163-231-11 | 5 CERAMIC, CHIP 15pF 5% 50V     |

|      |              |                               |
|------|--------------|-------------------------------|
| C781 | 1-164-004-11 | 5 CERAMIC, CHIP 0.1uF 10% 25V |
| C782 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V   |
| C783 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V   |
| C784 | 1-164-004-11 | 5 CERAMIC, CHIP 0.1uF 10% 25V |
| C785 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V   |

|      |              |                               |
|------|--------------|-------------------------------|
| C786 | 1-163-243-11 | 5 CERAMIC, CHIP 47pF 5% 50V   |
| C787 | 1-163-125-00 | 5 CERAMIC, CHIP 220pF 5% 50V  |
| C788 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V   |
| C789 | 1-164-004-11 | 5 CERAMIC, CHIP 0.1uF 10% 25V |
| C790 | 1-126-947-11 | 5 ELECT 47uF 20% 35V          |

|      |              |                               |
|------|--------------|-------------------------------|
| C792 | 1-164-004-11 | 5 CERAMIC, CHIP 0.1uF 10% 25V |
| C793 | 1-163-235-11 | 5 CERAMIC, CHIP 22pF 5% 50V   |
| C794 | 1-131-345-00 | 5 TANTALUM 0.47uF 10% 35V     |
| C795 | 1-131-353-00 | 5 TANTALUM 10uF 10% 35V       |
| C796 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V   |

|      |              |                             |
|------|--------------|-----------------------------|
| C797 | 1-126-947-11 | 5 ELECT 47uF 20% 35V        |
| C798 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V |
| C799 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V |
| C800 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V |
| C801 | 1-163-033-91 | 5 CERAMIC, CHIP 0.022uF 50V |

|       |              |                             |
|-------|--------------|-----------------------------|
| *C802 | 1-163-237-11 | 5 CERAMIC, CHIP 27pF 5% 50V |
|       | 1-163-241-11 | 5 CERAMIC, CHIP 39pF 5% 50V |
|       | 1-163-106-00 | 5 CERAMIC, CHIP 36pF 5% 50V |

|       |              |                              |
|-------|--------------|------------------------------|
| *C803 | 1-163-251-11 | 5 CERAMIC, CHIP 100pF 5% 50V |
|       | 1-163-102-00 | 5 CERAMIC, CHIP 24pF 5% 50V  |

|      |              |                                 |
|------|--------------|---------------------------------|
| C804 | 1-164-232-11 | 5 CERAMIC, CHIP 0.01uF 10% 100V |
| C805 | 1-163-263-11 | 5 CERAMIC, CHIP 330pF 5% 50V    |
| C806 | 1-163-809-11 | 5 CERAMIC, CHIP 0.047uF 10% 25V |
| C807 | 1-164-004-11 | 5 CERAMIC, CHIP 0.1uF 10% 25V   |
| C808 | 1-163-275-11 | 5 CERAMIC, CHIP 0.001uF 5% 50V  |

|       |              |                                 |
|-------|--------------|---------------------------------|
| *C809 | 1-163-809-11 | 5 CERAMIC, CHIP 0.047uF 10% 25V |
| *C810 | 1-163-809-11 | 5 CERAMIC, CHIP 0.047uF 10% 25V |

|       |              |                            |
|-------|--------------|----------------------------|
| CN1   | 1-564-005-11 | 5 CONNECTOR 6P, MALE       |
| CN2   | 1-564-005-11 | 5 CONNECTOR 6P, MALE       |
| CN105 | 1-573-782-21 | 5 CONNECTOR, PHC 60P, MALE |
| CN106 | 1-573-782-21 | 5 CONNECTOR, PHC 60P, MALE |

|        |              |                     |
|--------|--------------|---------------------|
| *CV700 | 1-141-442-91 | 5 CAP, TRIMMER 20pF |
|        | 1-141-443-11 | 5 CAP, TRIMMER 30pF |

|        |              |                     |
|--------|--------------|---------------------|
| *CV701 | 1-141-442-91 | 5 CAP, TRIMMER 20pF |
|        | 1-141-443-11 | 5 CAP, TRIMMER 30pF |

|        |              |                     |
|--------|--------------|---------------------|
| *CV702 | 1-141-442-91 | 5 CAP, TRIMMER 20pF |
|        | 1-141-443-11 | 5 CAP, TRIMMER 30pF |

|      |              |                    |
|------|--------------|--------------------|
| D1   | 8-719-941-04 | 5 DIODE SB007-03CP |
| D2   | 8-719-941-04 | 5 DIODE SB007-03CP |
| D100 | 8-719-941-23 | 5 DIODE DA204U     |
| D101 | 8-719-123-82 | 5 DIODE 1SS303-T1  |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description    |
|---------------------|--------------|-------------------|
| D102                | 8-719-123-85 | 5 DIODE 1SS304    |
| D200                | 8-719-941-23 | 5 DIODE DA204U    |
| D301                | 8-719-941-23 | 5 DIODE DA204U    |
| D302                | 8-719-105-38 | 5 DIODE KD3.0M-B1 |
| D303                | 8-719-041-39 | 5 DIODE KV1470    |

|      |              |                   |
|------|--------------|-------------------|
| D304 | 8-719-041-39 | 5 DIODE KV1470    |
| D305 | 8-719-941-23 | 5 DIODE DA204U    |
| D401 | 8-719-941-23 | 5 DIODE DA204U    |
| D402 | 8-719-105-38 | 5 DIODE KD3.0M-B1 |
| D403 | 8-719-041-39 | 5 DIODE KV1470    |

|      |              |                   |
|------|--------------|-------------------|
| D404 | 8-719-041-39 | 5 DIODE KV1470    |
| D502 | 8-719-123-82 | 5 DIODE 1SS303-T1 |
| D503 | 8-719-123-82 | 5 DIODE 1SS303-T1 |
| D505 | 8-719-123-85 | 5 DIODE 1SS304    |
| D506 | 8-719-123-85 | 5 DIODE 1SS304    |

|       |              |                        |
|-------|--------------|------------------------|
| *D700 | 8-713-300-88 | 5 DIODE IT33C-01       |
|       | 8-719-002-81 | 5 DIODE IT363A-M20-T8A |

|       |              |                        |
|-------|--------------|------------------------|
| *D703 | 8-713-300-88 | 5 DIODE IT33C-01       |
|       | 8-719-002-81 | 5 DIODE IT363A-M20-T8A |

|       |              |                        |
|-------|--------------|------------------------|
| *D704 | 8-713-300-88 | 5 DIODE IT33C-01       |
|       | 8-719-002-81 | 5 DIODE IT363A-M20-T8A |

|      |              |                   |
|------|--------------|-------------------|
| D705 | 8-719-123-85 | 5 DIODE 1SS304    |
| D706 | 8-719-123-82 | 5 DIODE 1SS303-T1 |

|       |              |                         |
|-------|--------------|-------------------------|
| FL500 | 1-239-769-11 | 5 FILTER, LOW-PASS 5MHz |
| FL501 | 1-239-767-11 | 5 FILTER, LOW-PASS 2MHz |
| FL502 | 1-239-767-11 | 5 FILTER, LOW-PASS 2MHz |

|     |              |                 |
|-----|--------------|-----------------|
| IC1 | 8-759-168-20 | 5 IC TA78L09S   |
| IC2 | 8-759-168-20 | 5 IC TA78L09S   |
| IC3 | 8-759-822-95 | 5 IC L79M05T-FA |
| IC4 | 8-759-822-95 | 5 IC L79M05T-FA |
| IC5 | 8-759-182-84 | 5 IC PQ05SZ5U   |

|       |              |                 |
|-------|--------------|-----------------|
| IC6   | 8-759-182-84 | 5 IC PQ05SZ5U   |
| IC7   | 8-759-182-84 | 5 IC PQ05SZ5U   |
| *IC8  | 8-759-700-65 | 5 IC NJM79L05A  |
| IC100 | 8-759-030-74 | 5 IC SC14S66FEL |
| IC101 | 8-759-981-48 | 5 IC NJM082M    |

|       |              |                 |
|-------|--------------|-----------------|
| IC102 | 8-759-908-15 | 5 IC TL431CLP   |
| IC103 | 8-752-334-55 | 5 IC CXD1175M   |
| IC200 | 8-759-030-74 | 5 IC SC14S66FEL |
| IC203 | 8-752-334-55 | 5 IC CXD1175M   |
| IC300 | 8-759-702-08 | 5 IC NJM360M    |

|       |              |                 |
|-------|--------------|-----------------|
| IC301 | 8-752-339-03 | 5 IC CXD2207Q   |
| IC302 | 8-759-300-71 | 5 IC HD140538FP |
| IC303 | 8-759-100-96 | 5 IC UP4C558G2  |
| IC304 | 8-759-100-96 | 5 IC UP4C558G2  |
| IC305 | 8-759-941-27 | 5 IC MB4002PF   |

|        |              |                    |
|--------|--------------|--------------------|
| IC306  | 8-759-907-81 | 5 IC SN74LS221NS   |
| IC307  | 8-759-991-85 | 5 IC 74FOOSJ       |
| IC308  | 8-759-030-74 | 5 IC SC14S66FEL    |
| IC309  | 8-759-981-48 | 5 IC NJM082M       |
| *IC310 | 8-759-035-93 | 5 IC TC7532F-TE85L |

|        |              |                  |
|--------|--------------|------------------|
| IC400  | 8-759-702-08 | 5 IC NJM360M     |
| IC401  | 8-752-339-03 | 5 IC CXD2207Q    |
| IC402  | 8-759-100-96 | 5 IC UP4C558G2   |
| IC403  | 8-759-100-96 | 5 IC UP4C558G2   |
| *IC404 | 8-759-194-31 | 5 IC MB4002PF-ER |
|        | 8-759-702-08 | 5 IC NJM360M     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description     |
|---------------------|--------------|--------------------|
| IC405               | 8-759-907-81 | s IC SN74LS221NS   |
| IC406               | 8-759-926-24 | s IC SN74HC164ANS  |
| IC407               | 8-759-991-85 | s IC 74P00J        |
| IC408               | 8-759-030-74 | s IC SC14S66FEL    |
| *IC409              | 8-759-035-93 | s IC TC7532F-TE85L |

|       |              |                  |
|-------|--------------|------------------|
| IC501 | 8-752-362-70 | s IC CXD101-106Q |
| IC502 | 8-752-362-70 | s IC CXD101-106Q |
| IC503 | 8-759-055-71 | s IC CXD8313Q    |
| IC504 | 8-759-055-71 | s IC CXD8313Q    |
| IC505 | 8-752-340-52 | s IC CXK8324Q    |

|       |              |                   |
|-------|--------------|-------------------|
| IC506 | 8-759-926-55 | s IC SN74HC266NS  |
| IC507 | 8-759-147-05 | s IC UPD42101G-3  |
| IC508 | 8-752-340-52 | s IC CXK8324Q     |
| IC509 | 8-759-927-46 | s IC SN74HC00ANS  |
| IC510 | 8-759-926-77 | s IC SN74HC541ANS |

|       |              |                   |
|-------|--------------|-------------------|
| IC511 | 8-759-925-78 | s IC SN74HC10ANS  |
| IC512 | 8-759-926-18 | s IC SN74HC157ANS |
| IC513 | 8-759-926-18 | s IC SN74HC157ANS |
| IC514 | 8-759-239-55 | s IC TC74HC123AF  |
| IC516 | 8-759-981-48 | s IC NJM082M      |

|       |              |                    |
|-------|--------------|--------------------|
| IC518 | 8-752-363-43 | s IC CXD1171M-1-TH |
| IC519 | 8-752-363-43 | s IC CXD1171M-1-TH |
| IC520 | 8-752-363-43 | s IC CXD1171M-1-TH |
| IC522 | 8-759-926-24 | s IC SN74HC164ANS  |
| IC523 | 8-759-925-85 | s IC SN74HC32ANS   |

|       |              |                   |
|-------|--------------|-------------------|
| IC524 | 8-759-926-18 | s IC SN74HC157ANS |
| IC525 | 8-759-926-18 | s IC SN74HC157ANS |
| IC526 | 8-759-926-18 | s IC SN74HC157ANS |
| IC527 | 8-759-926-18 | s IC SN74HC157ANS |
| IC528 | 8-759-926-90 | s IC SN74HC74ANS  |

|        |              |                 |
|--------|--------------|-----------------|
| IC700  | 8-759-300-71 | s IC HD14053BFP |
| IC701  | 8-759-981-48 | s IC NJM082M    |
| *IC702 | 8-759-908-15 | s IC TL431CLP   |
| IC703  | 8-759-987-27 | s IC LM1881M    |
| IC704  | 8-752-332-67 | s IC CXD1217M   |

|       |              |                  |
|-------|--------------|------------------|
| IC705 | 8-759-239-23 | s IC TC74HC86AF  |
| IC706 | 8-759-702-08 | s IC NJM366M     |
| IC707 | 8-759-100-96 | s IC UPC4558G2   |
| IC708 | 8-759-908-15 | s IC TL431CLP    |
| IC709 | 8-759-239-55 | s IC TC74HC123AF |

|       |              |                            |
|-------|--------------|----------------------------|
| IC710 | 8-759-239-55 | s IC TC74HC123AF           |
| IC711 | 8-759-925-74 | s IC TC74HC04ANS           |
| IC712 | 8-759-250-81 | s IC TC5081AP              |
| IC713 | 8-752-335-47 | s IC CXD1216M              |
| IC714 | 8-759-336-06 | s IC MC68HC05C4-SCA12511FU |

|        |              |                  |
|--------|--------------|------------------|
| IC715  | 8-759-300-71 | s IC HD14053BFP  |
| IC716  | 8-759-925-76 | s IC SN74HC08ANS |
| *IC717 | 8-759-031-84 | s IC TC7504F     |
| IC718  | 8-759-031-84 | s IC TC7504F     |
| IC719  | 8-759-031-84 | s IC TC7504F     |

|        |              |                  |
|--------|--------------|------------------|
| IC720  | 8-759-925-90 | s IC SN74HC74ANS |
| IC721  | 8-759-239-55 | s IC TC74HC123AF |
| IC722  | 8-752-343-03 | s IC CXD2214Q    |
| IC723  | 8-759-925-85 | s IC SN74HC32ANS |
| *IC724 | 8-759-925-90 | s IC SN74HC74ANS |

|       |              |                    |
|-------|--------------|--------------------|
| IC728 | 8-759-035-93 | s IC TC7532F-TE85L |
| IC729 | 8-759-927-46 | s IC SN74HC00ANS   |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description   |
|---------------------|--------------|------------------|
| IC730               | 8-759-925-90 | s IC SN74HC74ANS |
| IC732               | 8-759-031-84 | s IC TC7504F     |

|      |              |                 |
|------|--------------|-----------------|
| L1-5 | 1-412-533-21 | s INDUCTOR 47uH |
| L100 | 1-410-478-11 | s INDUCTOR 47uH |
| L101 | 1-410-478-11 | s INDUCTOR 33uH |
| L102 | 1-410-478-11 | s INDUCTOR 47uH |
| L103 | 1-410-478-11 | s INDUCTOR 47uH |

|      |              |                 |
|------|--------------|-----------------|
| L200 | 1-410-478-11 | s INDUCTOR 47uH |
| L201 | 1-410-478-11 | s INDUCTOR 33uH |
| L202 | 1-410-478-11 | s INDUCTOR 47uH |
| L203 | 1-410-478-11 | s INDUCTOR 47uH |
| L300 | 1-410-478-11 | s INDUCTOR 47uH |

|      |              |                  |
|------|--------------|------------------|
| L301 | 1-410-478-11 | s INDUCTOR 47uH  |
| L302 | 1-408-621-31 | s INDUCTOR 330uH |
| L303 | 1-410-492-11 | s INDUCTOR 680uH |
| L304 | 1-408-419-00 | s INDUCTOR 68uH  |
| L305 | 1-410-478-11 | s INDUCTOR 47uH  |

|      |              |                  |
|------|--------------|------------------|
| L306 | 1-410-478-11 | s INDUCTOR 47uH  |
| L307 | 1-408-406-00 | s INDUCTOR 5.6uH |
| L308 | 1-408-411-00 | s INDUCTOR 15uH  |
| L400 | 1-410-478-11 | s INDUCTOR 47uH  |
| L401 | 1-410-478-11 | s INDUCTOR 47uH  |

|      |              |                  |
|------|--------------|------------------|
| L402 | 1-408-411-00 | s INDUCTOR 15uH  |
| L403 | 1-410-478-11 | s INDUCTOR 33uH  |
| L404 | 1-410-482-31 | s INDUCTOR 100uH |
| L405 | 1-408-425-00 | s INDUCTOR 220uH |
| L406 | 1-408-416-00 | s INDUCTOR 39uH  |

|          |              |                  |
|----------|--------------|------------------|
| L407     | 1-410-478-11 | s INDUCTOR 47uH  |
| L408     | 1-410-478-11 | s INDUCTOR 47uH  |
| L500-505 | 1-410-478-11 | s INDUCTOR 47uH  |
| L700     | 1-410-482-31 | s INDUCTOR 100uH |
| L701     | 1-408-419-00 | s INDUCTOR 68uH  |

|      |              |                 |
|------|--------------|-----------------|
| L702 | 1-410-478-11 | s INDUCTOR 47uH |
| L703 | 1-410-478-11 | s INDUCTOR 47uH |
| L704 | 1-410-478-11 | s INDUCTOR 47uH |
| L705 | 1-410-478-11 | s INDUCTOR 47uH |
| L706 | 1-408-413-00 | s INDUCTOR 22uH |

|      |              |                  |
|------|--------------|------------------|
| L707 | 1-408-411-00 | s INDUCTOR 15uH  |
| L708 | 1-410-478-11 | s INDUCTOR 47uH  |
| L709 | 1-410-478-11 | s INDUCTOR 47uH  |
| L711 | 1-410-482-31 | s INDUCTOR 100uH |
| L712 | 1-410-482-31 | s INDUCTOR 100uH |

|      |              |                 |
|------|--------------|-----------------|
| L713 | 1-410-478-11 | s INDUCTOR 47uH |
| L714 | 1-410-478-11 | s INDUCTOR 47uH |
| L715 | 1-410-478-11 | s INDUCTOR 47uH |
| L716 | 1-410-478-11 | s INDUCTOR 47uH |

|        |              |                       |
|--------|--------------|-----------------------|
| *L7300 | 1-406-746-11 | s INDUCTOR, VAR 22uH  |
| *L7400 | 1-406-746-11 | s INDUCTOR, VAR 22uH  |
|        | 1-406-745-11 | s INDUCTOR, VAR 6.8uH |

|      |              |                           |
|------|--------------|---------------------------|
| Q100 | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q101 | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102 | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103 | 8-729-118-56 | s TRANSISTOR 2SK852-X2    |
| Q104 | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

|      |              |                        |
|------|--------------|------------------------|
| Q200 | 8-729-117-32 | s TRANSISTOR 2SC4177   |
| Q201 | 8-729-117-32 | s TRANSISTOR 2SC4177   |
| Q202 | 8-729-117-32 | s TRANSISTOR 2SC4177   |
| Q203 | 8-729-118-56 | s TRANSISTOR 2SK852-X2 |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q300                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q301                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q302                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q303                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q304                | 8-729-140-47 | TRANSISTOR 2SC3735-B34      |
| Q305                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q306                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q400                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q401                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q402                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q403                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q404                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q405                | 8-729-140-47 | TRANSISTOR 2SC3735-B34      |
| Q406                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q407                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q501                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q502                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q503                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q700                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q701                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q702                | 8-729-907-26 | TRANSISTOR IMX1             |
| Q703                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q704                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q705                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q706                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q707                | 8-729-907-46 | TRANSISTOR IMZ1             |
| *Q708               | 8-729-201-27 | TRANSISTOR 2SC2715-Y        |
|                     | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6     |
|                     | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q709                | 8-729-140-47 | TRANSISTOR 2SC3735-B34      |
| Q710                | 8-729-143-14 | TRANSISTOR 2SC4176-B35      |
| Q711                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q712                | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q713                | 8-729-143-14 | TRANSISTOR 2SC4176-B35      |
| Q714                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q715                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| Q716                | 8-729-140-63 | TRANSISTOR 2SA1611-MSM6     |
| *Q717               | 8-729-201-27 | TRANSISTOR 2SC2715-Y        |
|                     | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6     |
|                     | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q718                | 8-729-140-47 | TRANSISTOR 2SC3735-B34      |
| *Q721               | 8-729-201-27 | TRANSISTOR 2SC2715-Y        |
|                     | 8-729-120-28 | TRANSISTOR 2SC1623-L5L6     |
|                     | 8-729-117-32 | TRANSISTOR 2SC4177          |
| Q722                | 8-729-140-47 | TRANSISTOR 2SC3735-B34      |
| *Q723               | 8-729-907-46 | TRANSISTOR IMZ1             |
| R100                | 1-216-638-11 | METAL, CHIP 300 0.5% 1/10W  |
| R101                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R102                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R103                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R104                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R105                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R106                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R107                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R108                | 1-216-059-00 | METAL, CHIP 2.7k 5% 1/10W   |
| R109                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R110                | 1-216-093-00 | METAL, CHIP 68k 5% 1/10W    |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R111                | 1-216-061-00 | METAL, CHIP 3.3k 5% 1/10W   |
| R112                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R113                | 1-216-017-91 | METAL, CHIP 47 5% 1/10W     |
| R114                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R115                | 1-216-087-91 | METAL, CHIP 100k 5% 1/10W   |
| R116                | 1-216-057-00 | METAL, CHIP 2.2k 5% 1/10W   |
| R117                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R118                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R119                | 1-216-037-00 | METAL, CHIP 330 5% 1/10W    |
| R120                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R121                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R122                | 1-216-017-91 | METAL, CHIP 47 5% 1/10W     |
| R123                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| *R124               | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| *R125               | 1-216-059-00 | METAL, CHIP 2.7k 5% 1/10W   |
| R200                | 1-216-638-11 | METAL, CHIP 300 0.5% 1/10W  |
| R201                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R202                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W |
| R203                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R204                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R205                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R206                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R207                | 1-216-652-11 | METAL, CHIP 1.1k 0.5% 1/10W |
| R208                | 1-216-059-00 | METAL, CHIP 2.7k 5% 1/10W   |
| R209                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R210                | 1-216-081-00 | METAL, CHIP 22k 5% 1/10W    |
| R211                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R212                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R213                | 1-216-017-91 | METAL, CHIP 47 5% 1/10W     |
| R214                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R215                | 1-216-097-91 | METAL, CHIP 100k 5% 1/10W   |
| R222                | 1-216-017-91 | METAL, CHIP 47 5% 1/10W     |
| R223                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R301                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R302                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W    |
| R303                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R304                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R305                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W    |
| R306                | 1-216-017-91 | METAL, CHIP 47 5% 1/10W     |
| R307                | 1-216-051-00 | METAL, CHIP 1.2k 5% 1/10W   |
| R308                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R309                | 1-216-057-00 | METAL, CHIP 2.2k 5% 1/10W   |
| R310                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R311                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R312                | 1-216-057-00 | METAL, CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-059-00 | METAL, CHIP 2.7k 5% 1/10W   |
| R314                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R315                | 1-216-089-91 | METAL, CHIP 47k 5% 1/10W    |
| R316                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R317                | 1-216-071-00 | METAL, CHIP 8.2k 5% 1/10W   |
| R318                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R319                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R320                | 1-216-295-91 | RES, CHIP 0                 |
| R321                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R322                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R323                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R324                | 1-216-033-00 | METAL, CHIP 220 5% 1/10W    |
| R325                | 1-216-117-00 | METAL, CHIP 680k 5% 1/10W   |
| R326                | 1-208-822-11 | METAL, CHIP 47k 0.5% 1/10W  |

\*9  
\*9

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R327                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R328                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R329                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R330                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R331                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R333                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R334                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R335                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R336                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R337                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R338                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R339                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R340                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R341                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R342                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R343                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R344                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R345                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R346                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R347                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R348                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R349                | 1-216-678-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R350                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R351                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R352                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R353                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R354                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R355                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R356                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| *R359               | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R360                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W   |
| R361                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R363                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R367                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R369                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R371                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R372                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R373                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R374                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R375                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R376                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R380                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R400                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R401                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R402                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R403                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R404                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R405                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R406                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R407                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R408                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R410                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R411                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R412                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R413                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R414                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R415                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R416                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R417                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R419                | 1-216-295-91 s | RES, CHIP 0                 |
| R421                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R423                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R424                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R425                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R426                | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W   |
| R427                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R428                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R429                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R430                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| *R431               | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R432                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R434                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R435                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R436                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R437                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R438                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R439                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R440                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R441                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R442                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R443                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R444                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R445                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R446                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R447                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R448                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R449                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R450                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R451                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R452                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R453                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W   |
| R454                | 1-216-057-00 s | METAL, CHIP 470 5% 1/10W    |
| R455                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R456                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R457                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R458                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R459                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R460                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R461                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R462                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R463                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R464                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R466                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R468                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| *R470               | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R500-506            | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R507                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R508-512            | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R513                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R514                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R515                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R516                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R519                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R522                | 1-216-295-91 s | RES, CHIP 0                 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R524                | 1-216-295-91 s | RES, CHIP 0                 |
| R540                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R541                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R542                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R543                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R564                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| *R565               | 1-216-685-11 s | METAL, CHIP 30k 0.5% 1/10W  |
|                     | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R566                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R567                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R568                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R569                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R570                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R571                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R572                | 1-216-665-11 s | METAL, CHIP 39k 0.5% 1/10W  |
| R573                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R574                | 1-216-665-11 s | METAL, CHIP 39k 0.5% 1/10W  |
| R575                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R576                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R577                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R580                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R581                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R582                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R584                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R585                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R586                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R587                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R588                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R589                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R591                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R592                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R597                | 1-216-295-91 s | RES, CHIP 0                 |
| R700                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R701                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R702                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R703                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R704                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R707                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R708                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R709                | 1-216-049-91 s | METAL, CHIP 100k 5% 1/10W   |
| R710                | 1-216-093-00 s | METAL, CHIP 68k 5% 1/10W    |
| R711                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R712                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R713                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R714                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R715                | 1-216-039-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R716                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| *R717               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R718                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R719                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R720                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R721                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R722                | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| R723                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R724                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R725                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R726                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R727                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R728                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R729                | 1-208-771-11 s | METAL, CHIP 360 0.5% 1/10W  |
| R730                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R731                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R732                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R733                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R734                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R735                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R736                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R737                | 1-216-059-00 s | METAL, CHIP 2.7k 5% 1/10W   |
| R738                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R739                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R740                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R741                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R742                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R743                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R744                | 1-216-081-00 s | METAL, CHIP 2k 0.5% 1/10W   |
| *R745               | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W     |
|                     | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R746                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R747                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R748                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| *R751               | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| *R752               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| *R753               | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| *R754               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| *R755               | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R756                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R757                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R758                | 1-215-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R759                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R760                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R761                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R762                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R763                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R764                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| R765                | 1-216-061-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R766                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| R767                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R768                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R769                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R770                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R771                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R772                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R773                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R774                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R775                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R776                | 1-216-049-91 s | METAL, CHIP 1k 0.5% 1/10W   |
| R777                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R778                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R779                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R780                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R781                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R782                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R783                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R784                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R785                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R786                | 1-216-049-91 s | METAL, CHIP 1k 0.5% 1/10W   |
| R787                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R788                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R789                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R790                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| *R791               | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W  |
| R793                | 1-216-295-91 s | RES, CHIP 0                 |
| *R794               | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R795-801            | 1-216-067-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R802                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R803                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R804                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R805                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R806                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R807                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R808                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R809                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R810                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R811                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R812                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R814                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R815                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R816                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R817                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R818                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| *R819               | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
|                     | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| *R820               | 1-216-679-11 s | METAL, CHIP 15k 0.5% 1/10W  |
|                     | 1-216-071-00 s | METAL, CHIP 8.2k 5% 1/10W   |
| *R821               | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
|                     | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| *R822               | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W     |
|                     | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| *R823               | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
|                     | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R824                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| *R825               | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R826                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R827                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R828                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R829                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R830                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R831                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| *R833               | 1-216-049-00 s | METAL, CHIP 1k 5% 1/10W     |
|                     | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R836                | 1-216-295-91 s | RES, CHIP 0                 |
| R838                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R839                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R840                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R841                | 1-216-295-91 s | RES, CHIP 0                 |
| R842                | 1-216-295-91 s | RES, CHIP 0                 |
| R843                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R844                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R845                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R846                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R847                | 1-216-295-91 s | RES, CHIP 0                 |
| R848                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| *R850               | 1-216-097-00 s | METAL, CHIP 100k 5% 1/10W   |
| R851                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |

## (TBC-28P BOARD(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R853                | 1-216-295-91 s | RES, CHIP 0                 |
| R855                | 1-216-295-91 s | RES, CHIP 0                 |
| R856                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W   |
| *R857               | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R858                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W  |
| *R859               | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R860                | 1-216-069-00 s | METAL, CHIP 6.8k 5% 1/10W   |
| R861                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R862                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R863                | 1-216-295-91 s | RES, CHIP 0                 |
| *R866               | 1-216-295-91 s | RES, CHIP 0                 |
| *R868               | 1-216-295-91 s | RES, CHIP 0                 |
| R869                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R872                | 1-216-295-91 s | RES, CHIP 0                 |
| *R875               | 1-216-674-11 s | METAL, CHIP 9.1k 0.5% 1/10W |
|                     | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| *R876               | 1-216-125-00 s | METAL, CHIP 1.5M 5% 1/10W   |
|                     | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W   |
| R877                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| RV100               | 1-241-758-11 s | RES, ADJ METAL 100          |
| RV200               | 1-241-758-11 s | RES, ADJ METAL 100          |
| RV300               | 1-241-786-11 s | RES, ADJ METAL 22k          |
| RV301               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| RV400               | 1-241-786-11 s | RES, ADJ METAL 22k          |
| RV401               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| *RV500              | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
|                     | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV501               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV502               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV700               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV701               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| *RV703              | 1-241-785-11 s | RES, ADJ METAL 10k          |
|                     | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV706               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV707               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| S500                | 1-692-535-11 s | SWITCH, DIP 4-CKT           |
| TH400               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k    |
| X700                | 1-579-056-11 s | CRYSTAL 14.1875MHz          |
| X701                | 1-579-057-11 s | CRYSTAL 17.734475MHz        |
| *X702               | 1-579-056-11 s | CRYSTAL 14.1875MHz          |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

# TR-84 BOARD

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| 1pc                 | 1-648-921-11 | o PRINTED CIRCUIT BOARD, TR-84 |
| 1pc                 | 3-182-257-02 | s HOLDER, DME                  |
| CN945               | 1-565-876-11 | o CONNECTOR 4P, MALE           |
| IC1                 | 8-745-001-07 | s DME DM-230-1                 |

# VP-44 BOARD (for UVW-1400, NTSC)

| Ref. No.<br>or Q'ty | Part No. | SP Description |
|---------------------|----------|----------------|
|---------------------|----------|----------------|

VP-44 board is used for UVW-1400.

|          |              |                                   |
|----------|--------------|-----------------------------------|
| 1pc      | A-8275-571-A | o MOUNTED CIRCUIT BOARD, VP-44    |
| 1pc      | 3-182-386-02 | o PLATE, SHIELD (L), CARD         |
| 1pc      | 7-621-759-45 | s SCREW, +PSW2.6x6                |
| 1pc      | 3-179-084-01 | s LEVER (R), PC BOARD             |
| 1pc      | 3-179-085-01 | s LEVER (L), PC BOARD             |
| *C51     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C101     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C102     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C103     | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C104     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C105     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C106     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C107     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C108     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C109     | 1-163-108-00 | s CERAMIC, CHIP 43pF 5% 50V       |
| C110     | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V       |
| C111     | 1-163-108-00 | s CERAMIC, CHIP 43pF 5% 50V       |
| C112     | 1-124-903-11 | s ELECT 1uF 20% 50V               |
| C113     | 1-124-903-11 | s ELECT 1uF 20% 50V               |
| C114     | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C115     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C116     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C117     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C118     | 1-163-245-11 | s CERAMIC, CHIP 56pF 5% 50V       |
| C119     | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V       |
| C120-127 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C128     | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V      |
| C129     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C130     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C131     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C132     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C133     | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V       |
| C134-142 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C143     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C144     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C145     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C146     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C147     | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V       |
| C148     | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V       |
| C149     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C150     | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C201-205 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C207-212 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C213     | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C214     | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C215     | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C216     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C217     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C218     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C219     | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |
| C220     | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C221     | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| C222     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C223     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C224     | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C225     | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C226-230 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (VP-44 BOARD (for UYW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C231                | 1-126-925-11 | s ELECT 470pF 20% 10V          |
| C232                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C234                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V      |
| C235                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C236                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C237                | 1-126-963-11 | s ELECT 4.7uF 20% 50V          |
| C238                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C239                | 1-163-114-00 | s CERAMIC, CHIP 75pF 5% 50V    |
| C240                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C241                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V    |
| C242                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C243                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C244                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C245                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C246                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C247                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C248                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C249                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C250                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C251                | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C253                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C301                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C302                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C303                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C304                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C305                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C306                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C307                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C308                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C309                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C310                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C311                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C312                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C313                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C314                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C315                | 1-163-135-00 | s CERAMIC, CHIP 560pF 5% 50V   |
| C316                | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V   |
| C317                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C318                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C319                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V    |
| C320                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C321                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C322                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C323                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C324                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C325                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C326                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C327                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V   |
| C328                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C329                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C330                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C331                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C332                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C333                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C334                | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V   |
| C335-339            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C340                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C341                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C342                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |

## (VP-44 BOARD (for UYW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C343                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C344                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C345                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C346                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V       |
| C347                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C348                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C349                | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V       |
| C350                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C351                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C401-408            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C409                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C410                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C411                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C412                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C413                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C414                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C415                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C416                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C417                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C418                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C419                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C420                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C421-425            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C426                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C427                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C428                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C429                | 1-163-084-00 | s CERAMIC, CHIP 1.5pF 50V         |
| C430                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V         |
| C431                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C432                | 1-126-963-11 | s ELECT 4.7uF 20% 50V             |
| C433                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V       |
| C434                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C435                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C436                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C437                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C438                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C439                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C440                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C441                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C442                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C443                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| *C501               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C502                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C503                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C504                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C506                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C507                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C508                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C509                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |
| C510                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C511                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C512                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C513                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C514                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C515                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V            |
| C516                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C517                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C518                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |

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Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UYW-1400/1400P/1200/1200P

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C519                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C520-526            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C527                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C528                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C529                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C530                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C531                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V     |
| C532                | 1-131-353-00 | s TANTALUM 1uF 10% 35V      |
| C533                | 1-131-353-00 | s TANTALUM 1uF 10% 35V      |
| C534                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C535                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C536                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C537                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C538                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C539                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C540                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C541                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C542                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C543                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C544                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C545                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C546                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C547                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C548                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C549                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C550                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C551                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V     |
| C552-556            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C557                | 1-126-925-11 | s ELECT 470uF 20% 10V       |
| C558                | 1-126-925-11 | s ELECT 470uF 20% 10V       |
| C559                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C560                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C561                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C562                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| *C563               | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C601                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C602                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C603-608            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C609                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C610                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C613                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C614                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C615                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C616                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C617                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C618                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C619                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C620                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C621                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C622                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C623                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C624                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C625                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C626                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C627                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C628                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C629                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C630                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C632-639            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C640                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C641                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C644                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C645                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C646                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C647                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V     |
| C649                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C650                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C651                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C652                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C653                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C654                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C701                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C702                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C703                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C704                | 1-163-033-91 | s CERAMIC, CHIP 10pF 5% 50V |
| C705                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V |
| C706                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V |
| C707                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C708                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C709                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C710                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C713-725            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C726-730            | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C731                | 1-131-353-00 | s TANTALUM 10uF 10% 35V     |
| C732                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C733                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C734                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C735                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C736                | 1-130-487-00 | s MYLAR 0.022uF 5% 50V      |
| C737                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C738                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C739                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C740                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C741                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| CN103               | 1-573-782-21 | CONNECTOR, PHC 60P, MALE    |
| *CN104              | 1-573-782-21 | CONNECTOR, PHC 60P, MALE    |
| CN105               | 1-506-491-11 | CONNECTOR 12P, MALE         |
| *CN501              | 1-573-782-21 | CONNECTOR, PHC 60P, MALE    |
| D201                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D401                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D501                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D502                | 8-719-941-04 | s DIODE SB007-03CP          |
| D503                | 8-719-021-31 | s DIODE U2M5.13             |
| D504                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D601                | 8-719-941-04 | s DIODE SB007-03CP          |
| D701                | 8-719-123-82 | s DIODE 1SS303-T1           |
| DL101               | 1-415-154-00 | s DELAY LINE 35ns           |
| DL301               | 1-415-546-11 | s DELAY LINE 50ns           |
| FL201               | 1-239-770-11 | s FILTER, LOW-PASS 4MHz     |
| FL401               | 1-239-772-11 | s FILTER, LOW-PASS 3MHz     |
| FL601               | 1-239-771-11 | s FILTER, LOW-PASS 6 MHz    |
| IC101               | 8-752-052-75 | s IC CXA1479Q               |
| IC102               | 8-759-300-71 | s IC HD140538FP             |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (VP-44 BOARD (for UVM-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description |
|---------------------|----------------|----------------|
| IC103               | 8-759-908-92 s | IC TL084CNS    |
| IC104               | 8-759-702-08 s | IC NJM360M     |
| IC202               | 8-752-052-48 s | IC CXA1370Q    |
| IC203               | 8-759-700-65 s | IC NJM79L05A   |
| IC204               | 1-810-333-11 s | HIC BP-022     |
| IC205               | 8-759-189-43 s | IC AN77L05-TA  |
| IC301               | 8-752-052-75 s | IC CXA1479Q    |
| IC302               | 8-759-300-71 s | IC HD14053BFP  |
| IC303               | 8-759-908-92 s | IC TL084CNS    |
| IC401               | 8-752-052-48 s | IC CXA1370Q    |
| IC402               | 8-759-700-65 s | IC NJM79L05A   |
| IC403               | 1-810-333-11 s | HIC BP-022     |
| IC404               | 8-759-189-43 s | IC AN77L05-TA  |
| IC501               | 8-759-907-81 s | IC SN74LS221NS |
| IC502               | 8-759-908-92 s | IC TL084CNS    |
| IC504               | 8-759-168-20 s | IC TA78L09S    |
| IC505               | 8-759-700-65 s | IC NJM79L05A   |
| IC506               | 8-759-908-92 s | IC TL084CNS    |
| IC507               | 8-752-052-73 s | IC CXA1451M    |
| IC508               | 8-752-052-73 s | IC CXA1451M    |
| IC509               | 8-752-052-73 s | IC CXA1451M    |
| IC510               | 8-752-052-73 s | IC CXA1451M    |
| IC511               | 8-759-927-46 s | IC SN74HC00ANS |
| IC512               | 8-759-182-84 s | IC PQ05S25U    |
| IC513               | 8-759-822-95 s | IC L79M05T-FA  |
| IC514               | 8-759-300-71 s | IC HD14053BFP  |
| *IC515              | 8-759-189-43 s | IC AN77L05-TA  |
|                     | 8-759-300-71 s | IC HD14053BFP  |
| IC516               | 8-759-700-65 s | IC NJM79L05A   |
| IC601               | 8-759-981-48 s | IC NJM082M     |
| IC602               | 8-759-908-92 s | IC TL084CNS    |
| IC603               | 8-759-300-71 s | IC HD14053BFP  |
| IC604               | 8-759-908-92 s | IC TL084CNS    |
| IC605               | 8-752-054-80 s | IC CXA1521M    |
| IC606               | 8-752-054-80 s | IC CXA1521M    |
| IC607               | 8-759-168-20 s | IC TA78L09S    |
| IC608               | 8-759-906-58 s | IC CX22017     |
| IC610               | 8-759-700-65 s | IC NJM79L05A   |
| IC612               | 8-752-052-73 s | IC CXA1451M    |
| IC613               | 8-759-282-00 s | IC MC14576CF   |
| IC701               | 8-752-052-73 s | IC CXA1451M    |
| IC702               | 8-752-052-73 s | IC CXA1451M    |
| IC703               | 8-759-927-46 s | IC SN74HC00ANS |
| IC704               | 8-759-925-74 s | IC TC74HC04ANS |
| IC705               | 8-759-925-85 s | IC SN74HC32ANS |
| IC706               | 8-759-189-43 s | IC AN77L05-TA  |
| IC707               | 8-759-700-65 s | IC NJM79L05A   |
| IC708               | 8-759-168-20 s | IC TA78L09S    |
| L101                | 1-410-482-31 s | INDUCTOR 100uH |
| L102                | 1-408-406-00 s | INDUCTOR 5.6uH |
| L103                | 1-408-406-00 s | INDUCTOR 5.6uH |
| L104                | 1-410-466-41 s | INDUCTOR 4.7uH |
| L105                | 1-410-482-31 s | INDUCTOR 100uH |
| L106                | 1-410-462-11 s | INDUCTOR 2.2uH |
| L107                | 1-410-482-31 s | INDUCTOR 100uH |
| L108                | 1-410-482-31 s | INDUCTOR 100uH |
| L109                | 1-408-621-31 s | INDUCTOR 330uH |
| L110                | 1-410-482-31 s | INDUCTOR 100uH |

## (VP-44 BOARD (for UVM-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| L201                | 1-410-471-11 s | INDUCTOR 12uH           |
| L202                | 1-410-482-31 s | INDUCTOR 100uH          |
| L203                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L204                | 1-410-478-11 s | INDUCTOR 47uH           |
| L205                | 1-410-482-31 s | INDUCTOR 100uH          |
| L206                | 1-410-482-31 s | INDUCTOR 100uH          |
| L207                | 1-410-482-31 s | INDUCTOR 100uH          |
| L301                | 1-410-482-31 s | INDUCTOR 100uH          |
| L302                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L303                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L304                | 1-408-429-00 s | INDUCTOR 470uH          |
| L305                | 1-408-429-00 s | INDUCTOR 470uH          |
| L306                | 1-408-406-00 s | INDUCTOR 5.6uH          |
| L307                | 1-410-482-31 s | INDUCTOR 100uH          |
| L308                | 1-410-462-11 s | INDUCTOR 2.2uH          |
| L309                | 1-408-621-31 s | INDUCTOR 330uH          |
| L310                | 1-410-482-31 s | INDUCTOR 100uH          |
| L311                | 1-410-482-31 s | INDUCTOR 100uH          |
| L312                | 1-410-482-31 s | INDUCTOR 100uH          |
| L401                | 1-410-471-11 s | INDUCTOR 12uH           |
| L402                | 1-410-482-31 s | INDUCTOR 100uH          |
| L403                | 1-408-408-00 s | INDUCTOR 8.2uH          |
| L404                | 1-410-482-31 s | INDUCTOR 100uH          |
| L405                | 1-410-482-31 s | INDUCTOR 100uH          |
| L406                | 1-410-482-31 s | INDUCTOR 100uH          |
| L501                | 1-410-482-31 s | INDUCTOR 100uH          |
| L503                | 1-410-482-31 s | INDUCTOR 100uH          |
| L504                | 1-410-482-31 s | INDUCTOR 100uH          |
| L505                | 1-410-478-11 s | INDUCTOR 47uH           |
| L506                | 1-410-476-11 s | INDUCTOR 33uH           |
| *L507               | 1-410-482-31 s | INDUCTOR 100uH          |
| L601-606            | 1-410-482-31 s | INDUCTOR 100uH          |
| L607                | 1-408-413-00 s | INDUCTOR 22uH           |
| L702                | 1-410-482-31 s | INDUCTOR 100uH          |
| L703                | 1-410-476-11 s | INDUCTOR 33uH           |
| L704                | 1-410-476-11 s | INDUCTOR 33uH           |
| L706-710            | 1-412-533-21 s | INDUCTOR 47uH           |
| *Q51                | 8-729-904-41 s | TRANSISTOR FMY3         |
| Q101                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q103                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q104                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q105                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q106                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q107-111            | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q112                | 8-729-905-18 s | TRANSISTOR DTC144EU     |
| Q201                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q202                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q203                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q204                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q205                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q206                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q207                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q208                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q209                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q210                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q211                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q212                | 8-729-117-72 s | TRANSISTOR 2SC4178      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVM-1400/1400P/1200/1200P

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| Q213                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q214                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q215                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q216                | 8-729-905-12 | s TRANSISTOR DTA144EU     |
| Q217                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q218                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q219                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q220                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q301                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q302                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q303                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q304                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q305                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q306                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q307-311            | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q401                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q402                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q403                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q404                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q405                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q406                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q407                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q408                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q409                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q410                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q411                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q412                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q413                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q414                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q415                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q416                | 8-729-905-12 | s TRANSISTOR DTA144EU     |
| Q417                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q418                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q502                | 8-729-923-06 | s TRANSISTOR FMW8         |
| Q503                | 8-729-904-04 | s TRANSISTOR FM52         |
| Q504                | 8-729-903-82 | s TRANSISTOR FMW2         |
| Q505                | 8-729-931-46 | s TRANSISTOR FMW7         |
| Q506                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q507                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q510                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q511                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q512                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q513                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q514                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q515                | 8-729-907-26 | s TRANSISTOR IMX1         |
| Q516                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q517                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q518                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q519                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q520                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q521                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q522                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q523                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q601                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q602                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q603                | 8-729-923-06 | s TRANSISTOR FMW8         |

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| Q604                | 8-729-923-06 | s TRANSISTOR FMW8                |
| Q605                | 8-729-904-04 | s TRANSISTOR FM52                |
| Q606                | 8-729-904-04 | s TRANSISTOR FM52                |
| Q607                | 8-729-903-82 | s TRANSISTOR FMW2                |
| Q608                | 8-729-903-82 | s TRANSISTOR FMW2                |
| Q609                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q610                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q611                | 8-729-931-46 | s TRANSISTOR FMW7                |
| Q612                | 8-729-931-46 | s TRANSISTOR FMW7                |
| Q613                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q615-622            | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q623                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35         |
| Q624                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q701                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q702                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q703                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q704                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q705                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q706                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q707                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q708                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q709                | 8-729-422-44 | s TRANSISTOR 2SK663              |
| Q710                | 8-729-422-44 | s TRANSISTOR 2SK663              |
| Q711                | 8-729-422-44 | s TRANSISTOR 2SK663              |
| Q712                | 8-729-422-44 | s TRANSISTOR 2SK663              |
| Q713                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q714                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q715                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q716                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q717                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q718                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q719                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q720                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q721                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q722                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q723                | 8-729-907-26 | s TRANSISTOR IMX1                |
| Q724                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q725                | 8-729-117-32 | s TRANSISTOR 2SC4177             |
| Q726                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| Q727                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6        |
| *R51                | 1-216-097-91 | s METAL, CHIP 100 $\pm$ 5% 1/10W |
| *R52                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W       |
| *R53                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W      |
| *R54                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| *R55                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W      |
| *R56                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W       |
| *R57                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W       |
| *R58                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R101                | 1-216-295-91 | s RES, CHIP 0                    |
| R102                | 1-216-295-91 | s RES, CHIP 0                    |
| R103                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W     |
| R104                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W     |
| R105                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| R106                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W      |
| R107                | 1-216-295-91 | s RES, CHIP 0                    |
| R108                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| R109                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |
| R110                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W        |
| R111                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W       |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44 BOARD (for UUV-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R112                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R113                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R114                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R115                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R116                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R118                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R119                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R120                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R121                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R122                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R123                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R127                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R128                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R129                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R131                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W  |
| R132                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R133                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R134                | 1-208-774-11 s | METAL, CHIP 100 5% 1/10W    |
| R135                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R136                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R137                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R138                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R139                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R141                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R143                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R144                | 1-216-635-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R145                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R146                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R147                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R149                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| *R150               | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
|                     | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R151                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R152                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R153                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R155                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R156                | 1-216-035-00 s | METAL, CHIP 270 5% 1/10W    |
| R157                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R158                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R159                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R160                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R161                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R162                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R163                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R164                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R165                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R166                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R168                | 1-216-295-91 s | RES, CHIP 0                 |
| R169                | 1-216-295-91 s | RES, CHIP 0                 |
| R170                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |

## (VP-44 BOARD (for UUV-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R202                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R203                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R206                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R207                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R210                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R211                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R212                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R214                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R215                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R216                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R217                | 1-208-784-11 s | METAL, CHIP 4.7k 5% 1/10W   |
| R218                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R219                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R220                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R221                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R222                | 1-216-065-00 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R223                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R224                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R225                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R226                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R227                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R228                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R229                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R230                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R231                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R232                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R233                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R234                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R235                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R236                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R237                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R238                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R239                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R240                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R241                | 1-216-663-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R244                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R245                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R248                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R249                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R250                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R251                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R253                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R255                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R256                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R257                | 1-216-658-11 s | METAL, CHIP 900 0.5% 1/10W  |
| R258                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R259                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R260                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R262                | 1-216-685-11 s | METAL, CHIP 27k 0.5% 1/10W  |
| R263                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R264                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R265                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UUV-1400/1400P/1200/1200P

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| E266                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| E267                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E268                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| E269                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| E270                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| E271                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| E272                | 1-208-751-11 s | METAL, CHIP 51 0.5% 1/10W   |
| E273                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E274                | 1-216-295-91 s | RES, CHIP 0                 |
| E275                | 1-216-069-91 s | METAL, CHIP 47k 5% 1/10W    |
| E276                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| E278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E301                | 1-216-629-11 s | METAL, CHIP 120 0.5% 1/10W  |
| E302                | 1-216-629-11 s | METAL, CHIP 120 0.5% 1/10W  |
| E303                | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| E304                | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| E305                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E306                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| E307                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E308                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E309                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E310                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E311                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| E312                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E313                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| E314                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| E315                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| E316                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| E317                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E318                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| E319                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E320                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E321                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| E322                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| E323                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| E324                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E325                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W  |
| E326                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| E327                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| E328                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| E329                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| E330                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| E331                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E332                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E333                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| E334                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| E335                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| E336                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| E337                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| E338                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E339                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E340                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E341                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| E342                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| E343                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| E344                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E345                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| E346                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| E347                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R348                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R353                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R354                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R355                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R357                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R358                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R359                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R401                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R402                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R403                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R404                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R405                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R406                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R407                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R408                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R410                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R411                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R414                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R415                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R416                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R417                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R418                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R419                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R420                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R421                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R422                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R423                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R424                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R425                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R426                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R427                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R428                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R429                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R430                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R431                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R432                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R434                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R435                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R436                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R437                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R438                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R439                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R440                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R441                | 1-208-801-11 s | METAL, CHIP 6.2k 0.5% 1/10W |
| R442                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R443                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R444                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R445                | 1-216-119-00 s | METAL, CHIP 820k 5% 1/10W   |
| R446                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R447                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.              | SP Description       |
|---------------------|-----------------------|----------------------|
| R448                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R449                | 1-216-625-91 s METAL, | CHIP 100 5% 1/10W    |
| R450                | 1-216-639-11 s METAL, | CHIP 330 0.5% 1/10W  |
| R451                | 1-216-665-11 s METAL, | CHIP 3.9k 0.5% 1/10W |
| R452                | 1-216-671-11 s METAL, | CHIP 6.8k 0.5% 1/10W |
| R453                | 1-216-689-11 s METAL, | CHIP 39k 0.5% 1/10W  |
| R454                | 1-216-121-91 s METAL, | CHIP 1M 5% 1/10W     |
| R455                | 1-216-685-11 s METAL, | CHIP 27k 0.5% 1/10W  |
| R456                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R457                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R458                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R459                | 1-216-638-11 s METAL, | CHIP 300 0.5% 1/10W  |
| R460                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R461                | 1-208-751-11 s METAL, | CHIP 51 0.5% 1/10W   |
| R462                | 1-216-037-00 s METAL, | CHIP 330 5% 1/10W    |
| R463                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R464                | 1-216-089-91 s METAL, | CHIP 47k 5% 1/10W    |
| *R500               | 1-247-855-11 s CARBON | 10k 5% 1/4W          |
|                     | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R501                | 1-208-806-11 s METAL, | CHIP 10k 0.5% 1/10W  |
| R502                | 1-208-806-11 s METAL, | CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R504                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R505                | 1-216-089-91 s METAL, | CHIP 47k 5% 1/10W    |
| R506                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R507                | 1-208-806-11 s METAL, | CHIP 10k 0.5% 1/10W  |
| R508                | 1-216-687-11 s METAL, | CHIP 33k 0.5% 1/10W  |
| R509                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R510                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R511                | 1-216-121-91 s METAL, | CHIP 1M 5% 1/10W     |
| R512                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R513                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R514                | 1-216-033-00 s METAL, | CHIP 220 5% 1/10W    |
| R515                | 1-216-045-00 s METAL, | CHIP 680 5% 1/10W    |
| R516                | 1-216-077-00 s METAL, | CHIP 15k 5% 1/10W    |
| R517                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R518                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R519                | 1-216-027-00 s METAL, | CHIP 120 5% 1/10W    |
| R520                | 1-216-647-11 s METAL, | CHIP 680 0.5% 1/10W  |
| R521                | 1-216-659-11 s METAL, | CHIP 2.2k 0.5% 1/10W |
| R522                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R523                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R524                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R525                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R526                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R527                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R528                | 1-216-627-11 s METAL, | CHIP 100 0.5% 1/10W  |
| R529                | 1-216-661-11 s METAL, | CHIP 2.7k 0.5% 1/10W |
| R530                | 1-216-295-91 s RES,   | CHIP 0               |
| R531                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R532                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R533                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R534                | 1-216-055-00 s METAL, | CHIP 1.8k 5% 1/10W   |
| R535                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R536                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R537                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R538                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R539                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R540                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.              | SP Description       |
|---------------------|-----------------------|----------------------|
| R541                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R542                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R544                | 1-216-061-00 s METAL, | CHIP 3.9k 5% 1/10W   |
| R546                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R547                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R548                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R549                | 1-216-639-11 s METAL, | CHIP 330 0.5% 1/10W  |
| R550                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R551                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R552                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R553                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R554                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R555                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R556                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R557                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R558                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R559                | 1-216-113-00 s METAL, | CHIP 470k 5% 1/10W   |
| R560                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R561                | 1-216-053-00 s METAL, | CHIP 1.5k 5% 1/10W   |
| R562                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R563                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R564                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R565                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R566                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R567                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R568                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R569                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R570                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R571                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R572                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R573                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R574                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R575                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R576                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R577                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R578                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R579                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R580                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R581                | 1-216-053-00 s METAL, | CHIP 1.5k 5% 1/10W   |
| R582                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R583                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R584                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R585                | 1-216-667-11 s METAL, | CHIP 4.7k 0.5% 1/10W |
| R586                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R587                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R588                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R589                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R590                | 1-216-081-00 s METAL, | CHIP 22k 5% 1/10W    |
| R591                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R592                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R593                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R594                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R595                | 1-216-097-91 s METAL, | CHIP 100k 5% 1/10W   |
| R601-606            | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R607                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R608                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R609                | 1-216-033-00 s METAL, | CHIP 220 5% 1/10W    |
| R610                | 1-216-033-00 s METAL, | CHIP 220 5% 1/10W    |
| R611                | 1-216-045-00 s METAL, | CHIP 680 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R612                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R613                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R614                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R615                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R616                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R618                | 1-216-027-00 | s METAL, CHIP 120 5% 1/10W    |
| R621                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R622                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R623                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R624                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R625                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R626                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R629                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R630                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R631                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R632                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R633                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R634                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R635                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R636                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R638                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R639                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R640                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R643                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R644                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R646                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R647                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R648                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R649                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R650                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R651                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R652                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R653                | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W  |
| R654                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R655                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R657                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R658                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R660                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R662                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W    |
| R663                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R664                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R665                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R666                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R667                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R671                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R672                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R673                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R674                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R675                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R676                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R677                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R679                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R680                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R681                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R682                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R683                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |

## (VP-44 BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R684                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R685                | 1-216-025-91 | s METAL, CHIP 10k 5% 1/10W    |
| R686                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R687                | 1-216-061-00 | s METAL, CHIP 22k 5% 1/10W    |
| R688                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R689                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R690                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R691                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R692                | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R693                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R694                | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| *R695               | 1-216-295-91 | s RES, CHIP 0                 |
| R701                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R702                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R703                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R704                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R705                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R706                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R707                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R708                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R709                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R710                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R711                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R712                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R713-718            | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R719                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R720                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R721                | 1-216-065-91 | s METAL, CHIP 100 5% 1/10W    |
| R722                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R723                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R724                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R725                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R726                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R727                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R728                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R729                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R730                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R731                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R733                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R734                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R735                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R736                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R737                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R738                | 1-216-055-00 | s METAL, CHIP 1.6k 5% 1/10W   |
| R739                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R740                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R741                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R742                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R743                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R744                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R745                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R746                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R747                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R748                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R749                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R750                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R751                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R752                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

(VP-44 BOARD (for UUV-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| R755                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R758                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W |
| R759                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R760                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R761                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W  |
| R762                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W  |
| R763-768            | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| R769-775            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R776                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W  |
| R777                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R778                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R779                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R780                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| R781                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R782                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| R784                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| RV101               | 1-241-785-11 s | RES, ADJ METAL 10k         |
| RV102               | 1-241-785-11 s | RES, ADJ METAL 10k         |
| RV103               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV201               | 1-241-763-11 s | RES, ADJ METAL 4.7k        |
| RV301               | 1-241-785-11 s | RES, ADJ METAL 10k         |
| RV302               | 1-241-785-11 s | RES, ADJ METAL 10k         |
| RV303               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV401               | 1-241-764-11 s | RES, ADJ METAL 10k         |
| RV501               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV502               | 1-241-763-11 s | RES, ADJ METAL 4.7k        |
| RV503               | 1-241-762-11 s | RES, ADJ METAL 2.2k        |
| RV504               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV505               | 1-241-760-11 s | RES, ADJ METAL 470         |
| RV506-511           | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV512               | 1-241-758-11 s | RES, ADJ METAL 100         |
| RV602               | 1-241-787-11 s | RES, ADJ METAL 47k         |
| RV603               | 1-241-787-11 s | RES, ADJ METAL 47k         |
| RV604               | 1-241-783-11 s | RES, ADJ METAL 2.2k        |
| RV605               | 1-241-784-11 s | RES, ADJ METAL 4.7k        |
| RV606               | 1-241-784-11 s | RES, ADJ METAL 4.7k        |
| RV607               | 1-241-779-11 s | RES, ADJ METAL 100         |
| RV701               | 1-241-783-11 s | RES, ADJ METAL 2.2k        |
| RV702               | 1-241-783-11 s | RES, ADJ METAL 2.2k        |
| RV703               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV704               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV705               | 1-241-763-11 s | RES, ADJ METAL 4.7k        |
| RV706               | 1-241-763-11 s | RES, ADJ METAL 4.7k        |
| RV707               | 1-241-760-11 s | RES, ADJ METAL 470         |
| RV708               | 1-241-760-11 s | RES, ADJ METAL 470         |
| RV709               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| RV710               | 1-241-761-11 s | RES, ADJ METAL 1k          |
| TH201               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k   |
| TH401               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k   |
| TH601               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k   |

VP-44A BOARD (for UUV-1200, NTSC)

| Ref. No.<br>or Q'ty                | Part No.       | SP Description                  |
|------------------------------------|----------------|---------------------------------|
| VP-44A board is used for UUV-1200. |                |                                 |
| 1pc                                | A-8275-567-A s | MOUNTED CIRCUIT BOARD, VP-44A   |
| 1pc                                | 3-182-386-02 s | PLATE, SHIELD (L), CARD         |
| 1pc                                | 7-621-759-45 s | SCREW, #PSW2.6x6                |
| 1pc                                | 3-179-084-01 s | LEVER (R), PC BOARD             |
| 1pc                                | 3-179-085-01 s | LEVER (L), PC BOARD             |
| *C51                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C101                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C102                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C103                               | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 50V       |
| C104                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C105                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C106                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C107                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C108                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C109                               | 1-163-108-00 s | CERAMIC, CHIP 43pF 5% 50V       |
| C110                               | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V       |
| C111                               | 1-163-108-00 s | CERAMIC, CHIP 43pF 5% 50V       |
| C112                               | 1-124-903-11 s | ELECT 1uF 20% 50V               |
| C113                               | 1-124-903-11 s | ELECT 1uF 20% 50V               |
| C114                               | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |
| C115                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C116                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C117                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C118                               | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V       |
| C119                               | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V       |
| C120-127                           | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C128                               | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V      |
| C129                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C130                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C131                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C132                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C133                               | 1-163-113-00 s | CERAMIC, CHIP 86pF 5% 50V       |
| C134-142                           | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C143                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C144                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C145                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C146                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C147                               | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V       |
| C148                               | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V       |
| C149                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C150                               | 1-126-933-11 s | ELECT 100uF 20% 15V             |
| C201-205                           | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C207-212                           | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C213                               | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C214                               | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C215                               | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C216                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C217                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C218                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C219                               | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V       |
| C220                               | 1-164-161-11 s | CERAMIC, CHIP 0.0022uF 10% 100V |
| C221                               | 1-163-091-00 s | CERAMIC, CHIP 5pF 50V           |
| C222                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C223                               | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C224                               | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C225                               | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C226-230                           | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UUV-1400/1400P/1200/1200P

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C231                | 1-126-925-11 | s ELECT 470pF 20% 10V          |
| C232                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C234                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V      |
| C235                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C236                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C237                | 1-126-963-11 | s ELECT 4.7uF 20% 50V          |
| C238                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C239                | 1-163-114-00 | s CERAMIC, CHIP 75pF 5% 50V    |
| C240                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C241                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V    |
| C242                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C243                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C244                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C245                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C246                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C247                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C248                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C249                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C250                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C251                | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C253                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C301                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C302                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C303                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C304                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C305                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C306                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C307                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C308                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C309                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C310                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C311                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C312                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C313                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C314                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C315                | 1-163-135-00 | s CERAMIC, CHIP 560pF 5% 50V   |
| C316                | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V   |
| C317                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C318                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C319                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V    |
| C320                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C321                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C322                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C323                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C324                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C325                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C326                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C327                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V   |
| C328                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C329                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C330                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C331                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C332                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C333                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C334                | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V   |
| C335-339            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C340                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C341                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C342                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| C343                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C344                | 1-163-033-91 | s CERAMIC, CHIP 39pF 5% 50V      |
| C345                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C346                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V      |
| C347                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C348                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C349                | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V      |
| C350                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C351                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C401-408            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C409                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C410                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C411                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C412                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V          |
| C413                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V          |
| C414                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C415                | 1-164-161-11 | s CERAMIC, CHIP 0.002uF 10% 100V |
| C416                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V          |
| C417                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C418                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C419                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C420                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C421-425            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C426                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C427                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C428                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C429                | 1-163-084-00 | s CERAMIC, CHIP 1.5pF 50V        |
| C430                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V        |
| C431                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C432                | 1-126-963-11 | s ELECT 4.7uF 20% 50V            |
| C433                | 1-163-239-11 | s CERAMIC, CHIP 39pF 5% 50V      |
| C434                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C435                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C436                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C437                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C438                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C439                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C440                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C441                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C442                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C443                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| *C501               | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C502                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C503                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C504                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C506                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C507                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C508                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C509                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C510                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C511                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C512                | 1-131-353-00 | s TANTALUM 10uF 10% 35V          |
| C513                | 1-131-353-00 | s TANTALUM 10uF 10% 35V          |
| C514                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C515                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V           |
| C516                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C517                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C518                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |

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Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C519                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C520-526            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C527                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C528                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C529                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C530                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C531                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V     |
| C532                | 1-131-353-00 | s TANTALUM 1uF 10% 35V      |
| C533                | 1-131-353-00 | s TANTALUM 1uF 10% 35V      |
| C534                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C535                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C536                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C537                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C538                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C539                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C540                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C541                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C542                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C543                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C544                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C545                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C546                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C547                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C548                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C549                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C550                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C551                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V     |
| C552-556            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C557                | 1-126-925-11 | s ELECT 470uF 20% 10V       |
| C558                | 1-126-925-11 | s ELECT 470uF 20% 10V       |
| C559                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C560                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C561                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C562                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C563                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C601                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C602                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C603-608            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C609                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C610                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C613                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C614                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C615                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C616                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C617                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C618                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C619                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C620                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C621                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C622                | 1-131-347-00 | s TANTALUM 1uF 10% 35V      |
| C623                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C624                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C625                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C626                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C627                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V      |
| C628                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C629                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C630                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C632-639            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C640                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C641                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C643                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C644                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C645                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C646                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C647                | 1-163-224-11 | s CERAMIC, CHIP 7pF 50V     |
| C649                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C650                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C651                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C652                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C653                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C654                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C701                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C702                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C703                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C704                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C705                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V |
| C706                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V |
| C707                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C708                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V |
| C709                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C710                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V |
| C711                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C712                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V |
| C713-725            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C726-730            | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C731                | 1-131-353-00 | s TANTALUM 1uF 10% 35V      |
| C732                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C733                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C734                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C735                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C736                | 1-130-487-00 | s MYLAR 0.022uF 5% 50V      |
| C737                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C738                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C739                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C740                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C741                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| CN103               | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| *CN104              | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| CN105               | 1-506-491-11 | s CONNECTOR 12P, MALE       |
| *CN601              | 1-573-782-21 | o CONNECTOR, PHEC 60P, MALE |
| D201                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D401                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D501                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D502                | 8-719-941-04 | s DIODE SB007-03CP          |
| D503                | 8-719-021-31 | s DIODE VZMS.1B             |
| D504                | 8-719-123-82 | s DIODE 1SS303-T1           |
| D601                | 8-719-941-04 | s DIODE SB007-03CP          |
| D701                | 8-719-123-82 | s DIODE 1SS303-T1           |
| DL101               | 1-415-154-00 | s DELAY LINE 35nS           |
| DL301               | 1-415-546-11 | s DELAY LINE 50nS           |
| FL201               | 1-239-770-11 | s FILTER, LOW-PASS 4MHz     |
| FL401               | 1-239-772-11 | s FILTER, LOW-PASS 3MHz     |
| FL601               | 1-239-771-11 | s FILTER, LOW-PASS 6MHz     |
| IC101               | 8-752-052-75 | s IC CXA1479Q               |
| IC102               | 8-759-300-71 | s IC HD140538FP             |

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Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VP-44A BOARD (for UYW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description |
|---------------------|----------------|----------------|
| IC103               | 8-759-908-92 s | IC TL084CNS    |
| IC104               | 8-759-702-08 s | IC NM360M      |
| IC202               | 8-752-052-48 s | IC CXA1370Q    |
| IC203               | 8-759-700-65 s | IC NM79L05A    |
| IC204               | 1-810-333-11 s | HIC BP-022     |
| IC205               | 8-759-189-43 s | IC AN77L05-TA  |
| IC301               | 8-752-052-75 s | IC CXA1479Q    |
| IC302               | 8-759-300-71 s | IC HD14053BFP  |
| IC303               | 8-759-908-92 s | IC TL084CNS    |
| IC401               | 8-752-052-48 s | IC CXA1370Q    |
| IC402               | 8-759-700-65 s | IC NM79L05A    |
| IC403               | 1-810-333-11 s | HIC BP-022     |
| IC404               | 8-759-189-43 s | IC AN77L05-TA  |
| IC501               | 8-759-907-81 s | IC SN74LS221NS |
| IC502               | 8-759-908-92 s | IC TL084CNS    |
| IC504               | 8-759-168-20 s | IC TA78L09S    |
| IC505               | 8-759-700-65 s | IC NM79L05A    |
| IC506               | 8-759-908-92 s | IC TL084CNS    |
| IC507               | 8-752-052-73 s | IC CXA1451M    |
| IC508               | 8-752-052-73 s | IC CXA1451M    |
| IC509               | 8-752-052-73 s | IC CXA1451M    |
| IC510               | 8-752-052-73 s | IC CXA1451M    |
| IC511               | 8-759-927-46 s | IC SN74HC00ANS |
| IC512               | 8-759-182-84 s | IC PQ08S25U    |
| IC513               | 8-759-822-95 s | IC L79M05T-FA  |
| IC514               | 8-759-300-71 s | IC HD14053BFP  |
| *IC515              | 8-759-189-43 s | IC AN77L05-TA  |
|                     | 8-759-300-71 s | IC HD14053BFP  |
| IC516               | 8-759-700-65 s | IC NM79L05A    |
| IC601               | 8-759-981-48 s | IC NM082M      |
| IC602               | 8-759-908-92 s | IC TL084CNS    |
| IC603               | 8-759-300-71 s | IC HD14053BFP  |
| IC604               | 8-759-908-92 s | IC TL084CNS    |
| IC605               | 8-752-054-80 s | IC CXA1521M    |
| IC606               | 8-752-054-80 s | IC CXA1521M    |
| IC607               | 8-759-168-20 s | IC TA78L09S    |
| IC608               | 8-759-906-59 s | IC CX22017     |
| IC610               | 8-759-700-65 s | IC NM79L05A    |
| IC612               | 8-752-052-73 s | IC CXA1451M    |
| IC613               | 8-759-262-00 s | IC MC14576CF   |
| IC701               | 8-752-052-73 s | IC CXA1451M    |
| IC702               | 8-752-052-73 s | IC CXA1451M    |
| IC703               | 8-759-927-46 s | IC SN74HC00ANS |
| IC704               | 8-759-925-74 s | IC TC74HC04ANS |
| IC705               | 8-759-925-85 s | IC SN74HC32ANS |
| IC706               | 8-759-189-43 s | IC AN77L05-TA  |
| IC707               | 8-759-700-65 s | IC NM79L05A    |
| IC708               | 8-759-168-20 s | IC TA78L09S    |
| L101                | 1-410-482-31 s | INDUCTOR 100uH |
| L102                | 1-408-406-00 s | INDUCTOR 5.6uH |
| L103                | 1-408-406-00 s | INDUCTOR 5.6uH |
| L104                | 1-410-466-41 s | INDUCTOR 4.7uH |
| L105                | 1-410-482-31 s | INDUCTOR 100uH |
| L106                | 1-410-462-11 s | INDUCTOR 2.2uH |
| L107                | 1-410-482-31 s | INDUCTOR 100uH |
| L108                | 1-410-482-31 s | INDUCTOR 100uH |
| L109                | 1-408-621-31 s | INDUCTOR 330uH |
| L110                | 1-410-482-31 s | INDUCTOR 100uH |

## (VP-44A BOARD (for UYW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| L201                | 1-410-471-11 s | INDUCTOR 12uH           |
| L202                | 1-410-482-31 s | INDUCTOR 100uH          |
| L203                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L204                | 1-410-478-11 s | INDUCTOR 47uH           |
| L205                | 1-410-482-31 s | INDUCTOR 100uH          |
| L206                | 1-410-482-31 s | INDUCTOR 100uH          |
| L207                | 1-410-482-31 s | INDUCTOR 100uH          |
| L301                | 1-410-482-31 s | INDUCTOR 100uH          |
| L302                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L303                | 1-410-468-11 s | INDUCTOR 6.8uH          |
| L304                | 1-408-429-00 s | INDUCTOR 470uH          |
| L305                | 1-408-429-00 s | INDUCTOR 470uH          |
| L306                | 1-408-406-00 s | INDUCTOR 5.6uH          |
| L307                | 1-410-482-31 s | INDUCTOR 100uH          |
| L308                | 1-410-462-11 s | INDUCTOR 2.2uH          |
| L309                | 1-408-621-31 s | INDUCTOR 330uH          |
| L310                | 1-410-482-31 s | INDUCTOR 100uH          |
| L311                | 1-410-482-31 s | INDUCTOR 100uH          |
| L312                | 1-410-482-31 s | INDUCTOR 100uH          |
| L401                | 1-410-471-11 s | INDUCTOR 12uH           |
| L402                | 1-410-482-31 s | INDUCTOR 100uH          |
| L403                | 1-408-408-00 s | INDUCTOR 8.2uH          |
| L404                | 1-410-482-31 s | INDUCTOR 100uH          |
| L405                | 1-410-482-31 s | INDUCTOR 100uH          |
| L406                | 1-410-482-31 s | INDUCTOR 100uH          |
| L501                | 1-410-482-31 s | INDUCTOR 100uH          |
| L503                | 1-410-482-31 s | INDUCTOR 100uH          |
| L504                | 1-410-482-31 s | INDUCTOR 100uH          |
| L505                | 1-410-478-11 s | INDUCTOR 47uH           |
| L506                | 1-410-476-11 s | INDUCTOR 33uH           |
| *L507               | 1-410-482-31 s | INDUCTOR 100uH          |
| L601-606            | 1-410-482-31 s | INDUCTOR 100uH          |
| L607                | 1-408-413-00 s | INDUCTOR 22uH           |
| L702                | 1-410-482-31 s | INDUCTOR 100uH          |
| L703                | 1-410-476-11 s | INDUCTOR 33uH           |
| L704                | 1-410-476-11 s | INDUCTOR 33uH           |
| L706-710            | 1-412-533-21 s | INDUCTOR 47uH           |
| *Q51                | 8-729-904-41 s | TRANSISTOR 2N4178       |
| Q101                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q103                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q104                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q105                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q106                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q107-111            | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q112                | 8-729-905-18 s | TRANSISTOR 2N4144EU     |
| Q201                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q202                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q203                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q204                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q206                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q207                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q208                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q209                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q210                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q212                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q215                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q216                | 8-729-905-12 s | TRANSISTOR 2N4144EU     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UYW-1400/1400P/1200/1200P

## (VP-44A BOARD(for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q217                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q218                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q219                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q220                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q301                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q302                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q303                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q304                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q305                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q306                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q307-311            | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q401                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q402                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q403                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q404                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q405                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q406                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q407                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q408                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q409                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q410                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q411                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q416                | 8-729-905-12 s | TRANSISTOR DT4144EU     |
| Q417                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q418                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q502                | 8-729-923-06 s | TRANSISTOR FPM8         |
| Q503                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q504                | 8-729-903-82 s | TRANSISTOR FPM2         |
| Q505                | 8-729-931-46 s | TRANSISTOR FPM7         |
| Q506                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q507                | 8-729-904-41 s | TRANSISTOR FPM3         |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q510                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q511                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q512                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q513                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q514                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q515                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q516                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q517                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q518                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6 |
| Q519                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q520                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q521                | 8-729-904-41 s | TRANSISTOR FPM3         |
| Q522                | 8-729-904-41 s | TRANSISTOR FPM3         |
| Q523                | 8-729-904-41 s | TRANSISTOR FPM3         |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q502                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q503                | 8-729-923-06 s | TRANSISTOR FPM8         |
| Q504                | 8-729-923-06 s | TRANSISTOR FPM8         |
| Q505                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q506                | 8-729-904-04 s | TRANSISTOR FMS2         |
| Q507                | 8-729-903-82 s | TRANSISTOR FPM2         |
| Q508                | 8-729-903-82 s | TRANSISTOR FPM2         |
| Q509                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q510                | 8-729-907-26 s | TRANSISTOR IMX1         |
| Q511                | 8-729-931-46 s | TRANSISTOR FPM7         |

## (VP-44A BOARD(for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| Q612                | 8-729-931-46 s | TRANSISTOR FPM7            |
| Q613                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q615-622            | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q623                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35     |
| Q624                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q703                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q704                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q705                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q706                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q709                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q710                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q711                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q712                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q713                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q714                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q715                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q716                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q718                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q719                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q720                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q721                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q722                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q723                | 8-729-907-26 s | TRANSISTOR IMX1            |
| Q724                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q725                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q726                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| Q727                | 8-729-140-63 s | TRANSISTOR 2SA1611-MSM6    |
| *R51                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| *R52                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| *R53                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| *R54                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| *R55                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| *R56                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| *R57                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| *R58                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R101                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W |
| R102                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W |
| R103                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W |
| R104                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W |
| R105                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R106                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R107                | 1-216-295-91 s | RES, CHIP 0                |
| R108                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R109                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R110                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R111                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R112                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W  |
| R113                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R114                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| R115                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| R116                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R117                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| R118                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R119                | 1-216-067-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R120                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R121                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R122                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R123                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R127                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R128                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R129                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R131                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W  |
| R132                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R133                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R134                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R135                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R136                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R137                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R138                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R139                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R141                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R143                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R144                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R145                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R146                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R147                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R149                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| *R150               | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
|                     | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R151                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R152                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R153                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R155                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R156                | 1-216-035-00 s | METAL, CHIP 270 5% 1/10W    |
| R157                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R158                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R159                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R160                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R161                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R162                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R163                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R164                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R165                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R166                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R168                | 1-216-295-91 s | RES, CHIP 0                 |
| R169                | 1-216-295-91 s | RES, CHIP 0                 |
| R170                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R202                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R203                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R206                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R207                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R210                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R211                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R212                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R214                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R215                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R216                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R217                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R218                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R219                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R220                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R221                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R222                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R223                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R224                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R227                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R228                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R229                | 1-216-055-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R230                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R232                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R233                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R237                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R240                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R241                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R244                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R245                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R248                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R249                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R250                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R251                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R253                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W  |
| R255                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R256                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R257                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R258                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R259                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R260                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R262                | 1-216-685-11 s | METAL, CHIP 27k 0.5% 1/10W  |
| R263                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R264                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R265                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R266                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R267                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R268                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R269                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R270                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R271                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R272                | 1-208-751-11 s | METAL, CHIP 51 0.5% 1/10W   |
| R273                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R274                | 1-216-295-91 s | RES, CHIP 0                 |
| R275                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R276                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R278                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R301                | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| R302                | 1-216-633-11 s | METAL, CHIP 180 0.5% 1/10W  |
| R303                | 1-216-629-11 s | METAL, CHIP 120 0.5% 1/10W  |
| R304                | 1-216-629-11 s | METAL, CHIP 120 0.5% 1/10W  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44A BOARD (for UNW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R305                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R306                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R307                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R308                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R309                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R310                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R311                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R313                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R314                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R315                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R316                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R317                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R318                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R319                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R320                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R322                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R323                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R324                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R325                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W  |
| R326                | 1-208-774-11 s | METAL, CHIP 1k 5% 1/10W     |
| R327                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R328                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R330                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R331                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R333                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R334                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R335                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R336                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R337                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R338                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R339                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R340                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R341                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R342                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R344                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R345                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R346                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R347                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R348                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R349                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R351                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R353                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R354                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R355                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R357                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R358                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R359                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R401                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R402                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R403                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R404                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |

## (VP-44A BOARD (for UNW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R405                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R406                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R407                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R408                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R410                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R411                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R412                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R414                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R415                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R416                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R417                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R418                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R419                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R420                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R421                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R422                | 1-216-664-11 s | METAL, CHIP 3.6k 0.5% 1/10W |
| R423                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R424                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R425                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R426                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R427                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R428                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R429                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R440                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R441                | 1-208-801-11 s | METAL, CHIP 6.2k 0.5% 1/10W |
| R442                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R443                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R444                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R445                | 1-216-119-00 s | METAL, CHIP 820k 5% 1/10W   |
| R446                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R447                | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W  |
| R448                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R449                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R450                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R451                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W |
| R452                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R453                | 1-216-689-11 s | METAL, CHIP 39k 0.5% 1/10W  |
| R454                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R455                | 1-216-685-11 s | METAL, CHIP 27k 0.5% 1/10W  |
| R456                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R457                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R458                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R459                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R460                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R461                | 1-208-751-11 s | METAL, CHIP 51 0.5% 1/10W   |
| R462                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R463                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R464                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| *R500               | 1-247-855-11 s | CARBON 10k 5% 1/4W          |
|                     | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R501                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R502                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R504                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R505                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R506                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R507                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R508                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R509                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R510                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R511                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R512                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R513                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R514                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R515                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R516                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R517                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R518                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R519                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R520                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R521                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R522                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R523                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R524                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R525                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R526                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R527                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R528                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R529                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R530                | 1-216-295-91 s | RES, CHIP 0                 |
| R531                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R532                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R533                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R534                | 1-216-055-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R535                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R536                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R537                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R538                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R539                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R540                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R541                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R542                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R544                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R546                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R547                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R548                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R549                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R550                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R551                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R552                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R553                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R554                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R555                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R556                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R557                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R558                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R559                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R560                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R561                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R562                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R563                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R564                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R565                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R566                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R567                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R568                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R569                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R570                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R571                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R572                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R573                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R574                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R575                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R576                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R577                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R578                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R579                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R580                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R581                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R582                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R583                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R584                | 1-216-017-91 s | METAL, CHIP 470 5% 1/10W    |
| R585                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R586                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R587                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R588                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R589                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R591                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R592                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R593                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R594                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R595                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R601-606            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R607                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R608                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R609                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R610                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R611                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R612                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R613                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R614                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R615                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R616                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R618                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R621                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R622                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R623                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R624                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R625                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R626                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R629                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R630                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R631                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R632                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R633                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R634                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R635                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R636                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R638                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R639                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R640                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R643                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R644                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R646                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R647                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R648                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R649                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R650                | 1-216-061-00 | s METAL, CHIP 3.3k 5% 1/10W   |
| R651                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R652                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R653                | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W  |
| R654                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R655                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R657                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R658                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R659                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R660                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R662                | 1-216-079-00 | s METAL, CHIP 18k 5% 1/10W    |
| R663                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R664                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R665                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R666                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R667                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R671                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R672                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R673                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R674                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R675                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R676                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R677                | 1-216-647-11 | s METAL, CHIP 680 0.5% 1/10W  |
| R679                | 1-216-651-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R680                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R681                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W    |
| R682                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R683                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R684                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R685                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R686                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R687                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R688                | 1-216-095-00 | s METAL, CHIP 82k 5% 1/10W    |
| R689                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R690                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R691                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R692                | 1-208-785-11 | s METAL, CHIP 1.3k 0.5% 1/10W |
| R693                | 1-216-652-11 | s METAL, CHIP 1.1k 0.5% 1/10W |
| R694                | 1-216-656-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| *R695               | 1-216-295-91 | s RES, CHIP 0                 |
| R701                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R702                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R703                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R704                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R705                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R706                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R707                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R708                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R709                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R710                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R711                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R712                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R713-718            | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

## (VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R719                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R720                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R721                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R722                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R723                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R724                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R725                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R726                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R727                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R728                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R729                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R730                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R731                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R732                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R733                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R734                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R735                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R736                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R737                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R738                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R739                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R740                | 1-216-017-91 | s METAL, CHIP 47 5% 1/10W     |
| R741                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R742                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R743                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R744                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R745                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R746                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R747                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R748                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R749                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R750                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R751                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R752                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R755                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R758                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R759                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R760                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R761                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R762                | 1-216-624-11 | s METAL, CHIP 75 0.5% 1/10W   |
| R763-768            | 1-216-067-91 | s METAL, CHIP 100k 5% 1/10W   |
| R769-775            | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R776                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R777                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R778                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| *R779               | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R780                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R781                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R782                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R784                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| RV101               | 1-241-785-11 | s RES, ADJ METAL 10k          |
| RV102               | 1-241-785-11 | s RES, ADJ METAL 10k          |
| RV103               | 1-241-761-11 | s RES, ADJ METAL 1k           |
| RV201               | 1-241-763-11 | s RES, ADJ METAL 4.7k         |
| RV301               | 1-241-785-11 | s RES, ADJ METAL 10k          |
| RV302               | 1-241-785-11 | s RES, ADJ METAL 10k          |
| RV303               | 1-241-761-11 | s RES, ADJ METAL 1k           |
| RV401               | 1-241-764-11 | s RES, ADJ METAL 10k          |
| RV501               | 1-241-761-11 | s RES, ADJ METAL 1k           |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

(VP-44A BOARD (for UVW-1200, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| RV502               | 1-241-763-11 | s RES, ADJ METAL 4.7k      |
| RV503               | 1-241-762-11 | s RES, ADJ METAL 2.2k      |
| RV504               | 1-241-761-11 | s RES, ADJ METAL 1k        |
| RV505               | 1-241-760-11 | s RES, ADJ METAL 470       |
| RV506-511           | 1-241-761-11 | s RES, ADJ METAL 1k        |
| RV512               | 1-241-758-11 | s RES, ADJ METAL 100       |
| RV602               | 1-241-787-11 | s RES, ADJ METAL 47k       |
| RV603               | 1-241-787-11 | s RES, ADJ METAL 47k       |
| RV604               | 1-241-783-11 | s RES, ADJ METAL 2.2k      |
| RV605               | 1-241-784-11 | s RES, ADJ METAL 4.7k      |
| RV606               | 1-241-784-11 | s RES, ADJ METAL 4.7k      |
| RV607               | 1-241-779-11 | s RES, ADJ METAL 100       |
| RV701               | 1-241-783-11 | s RES, ADJ METAL 2.2k      |
| RV702               | 1-241-783-11 | s RES, ADJ METAL 2.2k      |
| RV703               | 1-241-761-11 | s RES, ADJ METAL 1k        |
| RV704               | 1-241-761-11 | s RES, ADJ METAL 1k        |
| RV705               | 1-241-763-11 | s RES, ADJ METAL 4.7k      |
| RV706               | 1-241-763-11 | s RES, ADJ METAL 4.7k      |
| RV707               | 1-241-760-11 | s RES, ADJ METAL 470       |
| RV708               | 1-241-760-11 | s RES, ADJ METAL 470       |
| RV709               | 1-241-761-11 | s RES, ADJ METAL 1k        |
| RV710               | 1-241-761-11 | s RES, ADJ METAL 1k        |
| TH201               | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| TH401               | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |
| TH601               | 1-807-972-11 | s THERMISTOR SV-1715 1.25k |

VP-44AP BOARD (for UVW-1400P, PAL)

Ref. No.  
or Q'ty Part No. SP Description

VP-44AP board is used for UVW-1200P.

|          |              |                                   |
|----------|--------------|-----------------------------------|
| 1pc      | A-8275-610-A | o MOUNTED CIRCUIT BOARD, VP-44AP  |
| 1pc      | 3-182-386-02 | o PLATE, SHIELD (L), CARD         |
| 1pc      | 7-621-759-45 | s SCREW, +PSW, 6x6                |
| 1pc      | 3-179-084-01 | s LEVER (R), PC BOARD             |
| 1pc      | 3-179-085-01 | s LEVER (L), PC BOARD             |
| *C51     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C101     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C102     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C103     | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V    |
| C104     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C105     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C106     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C107     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C108     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C109     | 1-163-108-00 | s CERAMIC, CHIP 43pF 5K 50V       |
| C110     | 1-163-249-11 | s CERAMIC, CHIP 82pF 5K 50V       |
| C111     | 1-163-108-00 | s CERAMIC, CHIP 43pF 5K 50V       |
| C112     | 1-124-903-11 | s ELECT 1uF 20V 50V               |
| C113     | 1-124-903-11 | s ELECT 1uF 20V 50V               |
| C114     | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5K 50V    |
| C115     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C116     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C117     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C118     | 1-163-245-11 | s CERAMIC, CHIP 56pF 5K 50V       |
| C119     | 1-163-235-11 | s CERAMIC, CHIP 22pF 5K 50V       |
| C120-127 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C128     | 1-163-133-00 | s CERAMIC, CHIP 470pF 5K 50V      |
| C129     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C130     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C131     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C132     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C133     | 1-163-113-00 | s CERAMIC, CHIP 68pF 5K 50V       |
| C134-142 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C143     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C144     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C145     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C146     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C147     | 1-163-231-11 | s CERAMIC, CHIP 15pF 5K 50V       |
| C148     | 1-163-241-11 | s CERAMIC, CHIP 39pF 5K 50V       |
| C149     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C150     | 1-126-933-11 | s ELECT 100uF 20V 16V             |
| C151     | 1-163-229-11 | s CERAMIC, CHIP 12pF 5K 50V       |
| C201-205 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C207-212 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C213     | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C214     | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C215     | 1-126-925-11 | s ELECT 470uF 20V 10V             |
| C216     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C217     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C218     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C219     | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C220     | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10K 100V |
| C221     | 1-163-091-00 | s CERAMIC, CHIP 82pF 50V          |
| C222     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C223     | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C224     | 1-126-925-11 | s ELECT 470uF 20V 10V             |
| C225     | 1-126-925-11 | s ELECT 470uF 20V 10V             |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P



## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C236-230            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C231                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C232                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C234                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V      |
| C235                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C236                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C237                | 1-126-963-11 | s ELECT 4.7uF 20% 50V          |
| C238                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C239                | 1-163-114-00 | s CERAMIC, CHIP 75pF 5% 50V    |
| C240                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C241                | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V    |
| C242                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C243                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C244                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C245                | 1-126-925-11 | s ELECT 470uF 20% 10V          |
| C246                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C247                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C248                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C249                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C250                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C251                | 1-126-964-11 | s ELECT 10uF 20% 50V           |
| C252                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V    |
| C253                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C301                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C302                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C303                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C304                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C305                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C306                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C307                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C308                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C309                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C310                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C311                | 1-163-110-00 | s CERAMIC, CHIP 51pF 5% 50V    |
| C312                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C313                | 1-124-903-11 | s ELECT 1uF 20% 50V            |
| C314                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C315                | 1-163-135-00 | s CERAMIC, CHIP 560pF 5% 50V   |
| C316                | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V   |
| C317                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C318                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C319                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V    |
| C320                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C321                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C322                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V    |
| C323                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C324                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C325                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C326                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C327                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V   |
| C328                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C329                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C330                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C331                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C332                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C333                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C334                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C335-339            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C340                | 1-126-933-11 | s ELECT 100uF 20% 16V          |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C341                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C342                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C343                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C344                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C345                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C346                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V       |
| C347                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C348                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C349                | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V       |
| C350                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C351                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C401-408            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C409                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C410                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C411                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C412                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C413                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C414                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C415                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C416                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C417                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C418                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C419                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C420                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C421-425            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C426                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C427                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C428                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C429                | 1-163-222-11 | s CERAMIC, CHIP 5pF 50V           |
| C430                | 1-107-552-11 | s MICA, CHIP 150pF 1% 50V         |
| C431                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C432                | 1-126-963-11 | s ELECT 4.7uF 20% 50V             |
| C433                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V       |
| C434                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C435                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C436                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C437                | 1-126-925-11 | s ELECT 470uF 20% 10V             |
| C438                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C439                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C440                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C441                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C442                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C443                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C502                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C503                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C504                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C506                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C507                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C508                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C509                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |
| C510                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C511                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C512                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C513                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C514                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C515                | 1-130-491-00 | s MYLAR 0.047uF 5% 50V            |
| C516                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C517                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C518                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C519                | 1-163-235-11 | ■ CERAMIC, CHIP 22pF 5% 50V |
| C520-526            | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C527                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C528                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C529                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C530                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C531                | 1-163-222-11 | ■ CERAMIC, CHIP 5pF 50V     |
| C532                | 1-131-353-00 | ■ TANTALUM 10uF 10% 35V     |
| C533                | 1-131-353-00 | ■ TANTALUM 10uF 10% 35V     |
| C534                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C535                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C536                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C537                | 1-130-491-00 | ■ MYLAR 0.047uF 5% 50V      |
| C538                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C539                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C540                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C541                | 1-163-237-11 | ■ CERAMIC, CHIP 27pF 5% 50V |
| C542                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C543                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C544                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C545                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C546                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C547                | 1-163-243-11 | ■ CERAMIC, CHIP 47pF 5% 50V |
| C548                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C549                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C550                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C551                | 1-163-222-11 | ■ CERAMIC, CHIP 5pF 50V     |
| C552-556            | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C557                | 1-126-925-11 | ■ ELECT 470uF 20% 10V       |
| C558                | 1-126-925-11 | ■ ELECT 470uF 20% 10V       |
| C559                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C560                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C561                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C562                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C563                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C601                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C602                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C603-608            | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C609                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C610                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C613                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C614                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C615                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C616                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C617                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C618                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C619                | 1-131-347-00 | ■ TANTALUM 1uF 10% 35V      |
| C620                | 1-131-347-00 | ■ TANTALUM 1uF 10% 35V      |
| C621                | 1-131-347-00 | ■ TANTALUM 1uF 10% 35V      |
| C622                | 1-131-347-00 | ■ TANTALUM 1uF 10% 35V      |
| C623                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C624                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C625                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C626                | 1-130-491-00 | ■ MYLAR 0.047uF 5% 50V      |
| C627                | 1-130-491-00 | ■ MYLAR 0.047uF 5% 50V      |
| C628                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C629                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C630                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C631                | 1-126-964-11 | ■ ELECT 10uF 20% 50V        |
| C632-639            | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C640                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C641                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| *C642               | 1-216-295-00 | ■ METAL, CHIP 0             |
| C643                | 1-163-243-11 | ■ CERAMIC, CHIP 47pF 5% 50V |
| C644                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C645                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C646                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C647                | 1-163-087-00 | ■ CERAMIC, CHIP 4pF 50V     |
| C648                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C649                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C650                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C651                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C652                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C653                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C654                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C701                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C702                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C703                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C704                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C705                | 1-163-231-11 | ■ CERAMIC, CHIP 15pF 5% 50V |
| C706                | 1-163-231-11 | ■ CERAMIC, CHIP 15pF 5% 50V |
| C707                | 1-163-243-11 | ■ CERAMIC, CHIP 47pF 5% 50V |
| C708                | 1-163-243-11 | ■ CERAMIC, CHIP 47pF 5% 50V |
| C709                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C710                | 1-163-227-11 | ■ CERAMIC, CHIP 10pF 5% 50V |
| C711                | 1-163-237-11 | ■ CERAMIC, CHIP 15pF 5% 50V |
| C712                | 1-163-237-11 | ■ CERAMIC, CHIP 27pF 5% 50V |
| C713-725            | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C726-730            | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C731                | 1-131-353-00 | ■ TANTALUM 10uF 10% 35V     |
| C732                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C733                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C734                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C735                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C736                | 1-130-487-00 | ■ MYLAR 0.022uF 5% 50V      |
| C737                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C738                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C739                | 1-163-033-91 | ■ CERAMIC, CHIP 0.022uF 50V |
| C740                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| C741                | 1-126-933-11 | ■ ELECT 100uF 20% 16V       |
| CN103               | 1-573-782-21 | ○ CONNECTOR, PHC 60P, MALE  |
| *CN104              | 1-573-782-21 | ○ CONNECTOR, PHC 60P, MALE  |
| CN105               | 1-506-491-11 | ○ CONNECTOR 12P, MALE       |
| *CN601              | 1-573-782-21 | ○ CONNECTOR, PHC 60P, MALE  |
| D201                | 8-719-123-82 | ■ DIODE 1SS303-T1           |
| D401                | 8-719-123-82 | ■ DIODE 1SS303-T1           |
| D501                | 8-719-123-82 | ■ DIODE 1SS303-T1           |
| D502                | 8-719-941-04 | ■ DIODE SB007-03CP          |
| D503                | 8-719-021-31 | ■ DIODE 1WZ65.1B            |
| D504                | 8-719-123-82 | ■ DIODE 1SS303-T1           |
| D601                | 8-719-941-04 | ■ DIODE SB007-03CP          |
| D701                | 8-719-123-82 | ■ DIODE 1SS303-T1           |
| DL101               | 1-415-674-11 | ■ DELAY LINE                |
| DL301               | 1-415-546-11 | ■ DELAY LINE 50nS           |
| FL201               | 1-239-819-11 | ■ FILTER, LOW-PASS          |

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Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (VP-44AP BOARD (for UWV-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| FL401               | 1-239-772-11 | s FILTER, LOW-PASS 3MHz |
| FL601               | 1-239-771-11 | s FILTER, LOW-PASS 6MHz |
| IC101               | 8-752-052-75 | s IC CKA14790           |
| IC102               | 8-759-300-71 | s IC HD140538FP         |
| IC103               | 8-759-908-92 | s IC TL084CNS           |
| IC104               | 8-759-702-08 | s IC NJM360M            |
| IC202               | 8-752-052-48 | s IC CKA1370Q           |
| IC203               | 8-759-700-65 | s IC NJM79L05A          |
| IC204               | 1-810-333-11 | s HIC RP-022            |
| IC205               | 8-759-189-43 | s IC AN77L05-TA         |
| IC301               | 8-752-052-75 | s IC CKA14790           |
| IC302               | 8-759-300-71 | s IC HD140538FP         |
| IC303               | 8-759-908-92 | s IC TL084CNS           |
| IC401               | 8-752-052-48 | s IC CKA1370Q           |
| IC402               | 8-759-700-65 | s IC NJM79L05A          |
| IC403               | 1-810-333-11 | s HIC BP-022            |
| IC404               | 8-759-189-43 | s IC AN77L05-TA         |
| IC501               | 8-759-907-81 | s IC SN74LS22LNS        |
| IC502               | 8-759-908-92 | s IC TL084CNS           |
| IC504               | 8-759-168-20 | s IC TA78L09S           |
| IC505               | 8-759-700-65 | s IC NJM79L05A          |
| IC506               | 8-759-908-92 | s IC TL084CNS           |
| IC507               | 8-752-052-73 | s IC CKA1451M           |
| IC508               | 8-752-052-73 | s IC CKA1451M           |
| IC509               | 8-752-052-73 | s IC CKA1451M           |
| IC510               | 8-752-052-73 | s IC CKA1451M           |
| IC511               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC512               | 8-759-182-84 | s IC P005S2SU           |
| IC513               | 8-759-822-95 | s IC L79M05T-PA         |
| IC514               | 8-759-300-71 | s IC HD140538FP         |
| *IC515              | 8-759-300-71 | s IC HD140538FP         |
| IC516               | 8-759-700-65 | s IC NJM79L05A          |
| IC601               | 8-759-981-48 | s IC NJM082M            |
| IC602               | 8-759-908-92 | s IC TL084CNS           |
| IC603               | 8-759-300-71 | s IC HD140538FP         |
| IC604               | 8-759-908-92 | s IC TL084CNS           |
| IC605               | 8-752-054-80 | s IC CKA1521M           |
| IC606               | 8-752-054-80 | s IC CKA1521M           |
| IC607               | 8-759-168-20 | s IC TA78L09S           |
| IC608               | 8-759-906-59 | s IC CX22017            |
| IC610               | 8-759-700-65 | s IC NJM79L05A          |
| IC612               | 8-752-052-73 | s IC CKA1451M           |
| IC613               | 8-759-262-00 | s IC MC14576CF          |
| IC701               | 8-752-052-73 | s IC CKA1451M           |
| IC702               | 8-752-052-73 | s IC CKA1451M           |
| IC703               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC704               | 8-759-925-74 | s IC TC74HC04ANS        |
| IC705               | 8-759-925-85 | s IC SN74HC32ANS        |
| IC706               | 8-759-189-43 | s IC AN77L05-TA         |
| IC707               | 8-759-700-65 | s IC NJM79L05A          |
| IC708               | 8-759-168-20 | s IC TA78L09S           |
| L101                | 1-410-482-31 | s INDUCTOR 100uH        |
| L102                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L103                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L104                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L105                | 1-410-482-31 | s INDUCTOR 100uH        |
| L106                | 1-410-462-11 | s INDUCTOR 2.2uH        |
| L107                | 1-410-482-31 | s INDUCTOR 100uH        |

## (VP-44AP BOARD (for UWV-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L108                | 1-410-482-31 | s INDUCTOR 100uH          |
| L109                | 1-408-621-31 | s INDUCTOR 330uH          |
| L110                | 1-410-482-31 | s INDUCTOR 100uH          |
| L111                | 1-410-466-41 | s INDUCTOR 4.7uH          |
| L201                | 1-410-471-11 | s INDUCTOR 12uH           |
| L202                | 1-410-482-31 | s INDUCTOR 100uH          |
| L203                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L204                | 1-410-476-11 | s INDUCTOR 33uH           |
| L205                | 1-410-482-31 | s INDUCTOR 100uH          |
| L206                | 1-410-482-31 | s INDUCTOR 100uH          |
| L207                | 1-410-482-31 | s INDUCTOR 100uH          |
| L208                | 1-408-617-31 | s INDUCTOR 150uH          |
| L301                | 1-410-482-31 | s INDUCTOR 100uH          |
| L302                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L303                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L304                | 1-408-429-00 | s INDUCTOR 470uH          |
| L305                | 1-408-429-00 | s INDUCTOR 470uH          |
| L306                | 1-408-406-00 | s INDUCTOR 5.6uH          |
| L307                | 1-410-482-31 | s INDUCTOR 100uH          |
| L308                | 1-410-462-11 | s INDUCTOR 2.2uH          |
| L309                | 1-408-621-31 | s INDUCTOR 330uH          |
| L310                | 1-410-482-31 | s INDUCTOR 100uH          |
| L311                | 1-410-482-31 | s INDUCTOR 100uH          |
| L312                | 1-410-482-31 | s INDUCTOR 100uH          |
| L401                | 1-410-471-11 | s INDUCTOR 12uH           |
| L402                | 1-410-482-31 | s INDUCTOR 100uH          |
| L403                | 1-408-408-00 | s INDUCTOR 8.2uH          |
| L404                | 1-410-482-31 | s INDUCTOR 100uH          |
| L405                | 1-410-482-31 | s INDUCTOR 100uH          |
| L406                | 1-410-482-31 | s INDUCTOR 100uH          |
| *L501               | 1-410-482-31 | s INDUCTOR 100uH          |
| L503                | 1-410-482-31 | s INDUCTOR 100uH          |
| L504                | 1-410-482-31 | s INDUCTOR 100uH          |
| L505                | 1-410-478-11 | s INDUCTOR 47uH           |
| L506                | 1-410-476-11 | s INDUCTOR 33uH           |
| L507                | 1-410-482-31 | s INDUCTOR 100uH          |
| L601-606            | 1-410-482-31 | s INDUCTOR 100uH          |
| L607                | 1-408-413-00 | s INDUCTOR 22uH           |
| L608                | 1-408-413-00 | s INDUCTOR 22uH           |
| L702                | 1-410-482-31 | s INDUCTOR 100uH          |
| L703                | 1-410-476-11 | s INDUCTOR 33uH           |
| L704                | 1-410-476-11 | s INDUCTOR 33uH           |
| L706-710            | 1-412-533-21 | s INDUCTOR 47uH           |
| *Q51                | 8-729-904-41 | s TRANSISTOR 2SC4178      |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q103                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q104                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q105                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q106                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q107-111            | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q112                | 8-729-906-18 | s TRANSISTOR DTC144EU     |
| Q201                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q202                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q203                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q204                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q206                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q207                | 8-729-117-72 | s TRANSISTOR 2SC4178      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| Q208                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q209                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q210                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q212                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q215                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q216                | 8-729-905-12 | s TRANSISTOR DTA144EU     |
| Q217                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q218                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q219                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q220                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q301                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q302                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q303                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q304                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q305                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q306                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q307-311            | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q401                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q402                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q403                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q404                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q405                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q406                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q407                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q408                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q409                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q410                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q411                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q416                | 8-729-905-12 | s TRANSISTOR DTA144EU     |
| Q417                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q418                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q501                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q502                | 8-729-923-06 | s TRANSISTOR FPM8         |
| Q503                | 8-729-904-04 | s TRANSISTOR FMS2         |
| Q504                | 8-729-903-82 | s TRANSISTOR FPM2         |
| Q505                | 8-729-931-46 | s TRANSISTOR FPM7         |
| Q506                | 8-729-907-26 | s TRANSISTOR 1MX1         |
| Q507                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q508                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q509                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q510                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q511                | 8-729-907-26 | s TRANSISTOR 1MX1         |
| Q512                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q513                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q514                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q515                | 8-729-907-26 | s TRANSISTOR 1MX1         |
| Q516                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q517                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q518                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q519                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35  |
| Q520                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q521                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q522                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q523                | 8-729-904-41 | s TRANSISTOR FMY3         |
| Q601                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q602                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q603                | 8-729-923-06 | s TRANSISTOR FPM8         |
| Q604                | 8-729-923-06 | s TRANSISTOR FPM8         |
| Q605                | 8-729-904-04 | s TRANSISTOR FMS2         |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| Q506                | 8-729-904-04 | s TRANSISTOR FMS2            |
| Q607                | 8-729-903-82 | s TRANSISTOR FPM2            |
| Q608                | 8-729-903-82 | s TRANSISTOR FPM2            |
| Q609                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q610                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q611                | 8-729-931-46 | s TRANSISTOR FPM7            |
| Q612                | 8-729-931-46 | s TRANSISTOR FPM7            |
| Q613                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q614-622            | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q623                | 8-729-143-14 | s TRANSISTOR 2SC4176-B35     |
| Q624                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q701                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q702                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q703                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q704                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q705                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q706                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q707                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q708                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q709                | 8-729-422-44 | s TRANSISTOR 2SK663          |
| Q710                | 8-729-422-44 | s TRANSISTOR 2SK663          |
| Q711                | 8-729-422-44 | s TRANSISTOR 2SK663          |
| Q712                | 8-729-422-44 | s TRANSISTOR 2SK663          |
| Q713                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q714                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q715                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q716                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q717                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q718                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q719                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q720                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q721                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q722                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q723                | 8-729-907-26 | s TRANSISTOR 1MX1            |
| Q724                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q725                | 8-729-117-32 | s TRANSISTOR 2SC4177         |
| Q726                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| Q727                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6    |
| *R51                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W  |
| *R52                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| *R53                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| *R54                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| *R55                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| *R56                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| *R57                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W   |
| *R58                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R101                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R102                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W  |
| R103                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R104                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W |
| R105                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R106                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W  |
| R108                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R109                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R110                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W    |
| R111                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R112                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R113                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R114                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R115                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R116                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R118                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R119                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R120                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R121                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R122                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R123                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R127                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R128                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R129                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R131                | 1-208-775-11 | s METAL, CHIP 510 0.5% 1/10W  |
| R132                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R133                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R134                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W  |
| R135                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R136                | 1-208-822-11 | s METAL, CHIP 47k 0.5% 1/10W  |
| R137                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R138                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R139                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R141                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R143                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R144                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R145                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R146                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R147                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R149                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R150                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R151                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R152                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R153                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R155                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R156                | 1-216-035-00 | s METAL, CHIP 270 5% 1/10W    |
| R157                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R158                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R159                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R160                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R161                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R162                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R163                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R164                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R165                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R166                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R167                | 1-216-295-91 | s RES, CHIP 0                 |
| R168                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R169                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R170                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R202                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R203                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R206                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R207                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R210                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R211                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R212                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R214                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R215                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R216                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R217                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R218                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R219                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R220                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R221                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R222                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R223                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R224                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R227                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R228                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R229                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R230                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R232                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R233                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R237                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R240                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R241                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R244                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |
| R245                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R246                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R248                | 1-208-799-11 | s METAL, CHIP 5.1k 0.5% 1/10W |
| R249                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R250                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R251                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R253                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R254                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R255                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R256                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R257                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R258                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R259                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R260                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R261                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R262                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W  |
| R263                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R264                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R265                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R266                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R267                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R268                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R269                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R270                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R271                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R272                | 1-208-751-11 | s METAL, CHIP 51 0.5% 1/10W   |
| R273                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R274                | 1-216-295-91 | s RES, CHIP 0                 |
| R275                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R276                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R277                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R278                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R301                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R302                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W   |
| R303                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R304                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R305                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R307                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R308                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R309                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R310                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R311                | 1-216-067-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R313                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R314                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R315                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R317                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R318                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R319                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R322                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R323                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R324                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R325                | 1-208-775-11 | s METAL, CHIP 510 0.5% 1/10W  |
| R326                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R327                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R330                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R331                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R333                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R334                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R335                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R336                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R337                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R338                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R339                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R340                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R341                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R344                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R345                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R346                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R347                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R348                | 1-216-067-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R351                | 1-216-065-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R353                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R354                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R355                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R357                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R358                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R359                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R401                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R402                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R403                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R404                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R405                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R406                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R407                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R408                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-065-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R410                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R411                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R412                | 1-216-065-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R414                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R415                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R416                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R417                | 1-216-065-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R418                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R419                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R420                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R421                | 1-216-649-11 | s METAL, CHIP 820 0.5% 1/10W  |
| R422                | 1-216-664-11 | s METAL, CHIP 3.6k 0.5% 1/10W |
| R423                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R424                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R425                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R426                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R427                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R428                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R429                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R430                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R431                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R432                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R433                | 1-216-113-00 | s METAL, CHIP 470k 5% 1/10W   |
| R434                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R435                | 1-216-687-11 | s METAL, CHIP 33k 5% 1/10W    |
| R436                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R437                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R438                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R439                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R440                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R441                | 1-208-800-11 | s METAL, CHIP 5.6k 0.5% 1/10W |
| R442                | 1-216-689-11 | s METAL, CHIP 39k 0.5% 1/10W  |
| R443                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R444                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W  |
| R445                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R446                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R447                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R448                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R449                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R450                | 1-208-751-11 | s METAL, CHIP 51 0.5% 1/10W   |
| R451                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R452                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R453                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R454                | 1-247-855-11 | s CARBON 10k 5% 1/4W          |
| R455                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R501                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R502                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R504                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R505                | 1-216-069-91 s | METAL, CHIP 47k 5% 1/10W    |
| R506                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R507                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R508                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R509                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R510                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R511                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R512                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R513                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R514                | 1-216-033-00 s | METAL, CHIP 22k 5% 1/10W    |
| R515                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R516                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R517                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R518                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R519                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R520                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R521                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R522                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R523                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R524                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R525                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R526                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R527                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R528                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R529                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R530                | 1-216-295-91 s | RES, CHIP 0                 |
| R531                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R532                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R533                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R534                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R535                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R536                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R537                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R538                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R539                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R540                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R541                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R542                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R544                | 1-216-061-00 s | METAL, CHIP 3.3k 5% 1/10W   |
| R546                | 1-216-025-91 s | METAL, CHIP 1k 5% 1/10W     |
| R547                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R548                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R549                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R550                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R551                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R552                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R553                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R554                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R555                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R556                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R557                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R558                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R559                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R560                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R561                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |

## (VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R562                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R563                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R564                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R565                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R566                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R567                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R568                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R569                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R570                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R571                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R572                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R573                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R574                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R575                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R576                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R577                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R578                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R579                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R580                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R581                | 1-216-053-00 s | METAL, CHIP 1.5k 5% 1/10W   |
| R582                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R583                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R584                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R585                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R586                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R587                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R588                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R589                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R590                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R591                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R592                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R593                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R594                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R595                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R601-606            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R607                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R608                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R609                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R610                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R611                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R612                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R613                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R614                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R615                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R616                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R618                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R621                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R622                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R623                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R624                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R625                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R626                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R627                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R628                | 1-216-295-91 s | RES, CHIP 0                 |
| R629                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R630                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R631                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R632                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.              | SP Description       |
|---------------------|-----------------------|----------------------|
| R633                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R634                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R635                | 1-216-089-91 s METAL, | CHIP 47k 5% 1/10W    |
| R636                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R637                | 1-216-089-91 s METAL, | CHIP 47k 5% 1/10W    |
| R638                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R639                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R640                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R641                | 1-216-659-11 s METAL, | CHIP 2.2k 0.5% 1/10W |
| R642                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R643                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R644                | 1-216-057-00 s METAL, | CHIP 1k 5% 1/10W     |
| R646                | 1-216-661-11 s METAL, | CHIP 2.7k 0.5% 1/10W |
| R647                | 1-208-800-11 s METAL, | CHIP 5.6k 0.5% 1/10W |
| R648                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R649                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R650                | 1-216-063-91 s METAL, | CHIP 3.9k 5% 1/10W   |
| R651                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R652                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R653                | 1-216-649-11 s METAL, | CHIP 820 0.5% 1/10W  |
| R654                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R655                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R656                | 1-216-081-00 s METAL, | CHIP 22k 5% 1/10W    |
| R657                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R658                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R659                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R660                | 1-216-037-00 s METAL, | CHIP 330 5% 1/10W    |
| R661                | 1-216-109-00 s METAL, | CHIP 330k 5% 1/10W   |
| R662                | 1-216-079-00 s METAL, | CHIP 18k 5% 1/10W    |
| R663                | 1-216-077-00 s METAL, | CHIP 15k 5% 1/10W    |
| R664                | 1-216-081-00 s METAL, | CHIP 22k 5% 1/10W    |
| R665                | 1-216-081-00 s METAL, | CHIP 22k 5% 1/10W    |
| R666                | 1-216-097-91 s METAL, | CHIP 100k 5% 1/10W   |
| R667                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R671                | 1-208-785-11 s METAL, | CHIP 1.3k 0.5% 1/10W |
| R672                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R673                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R674                | 1-216-655-11 s METAL, | CHIP 1.5k 0.5% 1/10W |
| R675                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R676                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R677                | 1-216-647-11 s METAL, | CHIP 680 0.5% 1/10W  |
| R678                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R679                | 1-216-661-11 s METAL, | CHIP 2.7k 0.5% 1/10W |
| R680                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R681                | 1-216-045-00 s METAL, | CHIP 680 5% 1/10W    |
| R682                | 1-216-639-11 s METAL, | CHIP 330 0.5% 1/10W  |
| R683                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R684                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R685                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R686                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R687                | 1-216-081-00 s METAL, | CHIP 22k 5% 1/10W    |
| R688                | 1-216-095-00 s METAL, | CHIP 82k 5% 1/10W    |
| R689                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R690                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R691                | 1-216-073-00 s METAL, | CHIP 10k 5% 1/10W    |
| R692                | 1-208-785-11 s METAL, | CHIP 1.3k 0.5% 1/10W |
| R693                | 1-216-652-11 s METAL, | CHIP 1.1k 0.5% 1/10W |
| R694                | 1-216-666-11 s METAL, | CHIP 4.3k 0.5% 1/10W |
| *R695               | 1-216-285-91 s RES,   | CHIP 0               |

## (VP-44AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.              | SP Description       |
|---------------------|-----------------------|----------------------|
| R701                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R702                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R703                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R704                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R705                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R706                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R707                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R708                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R709                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R710                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R711                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R712                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R713-718            | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R719                | 1-216-037-00 s METAL, | CHIP 330 5% 1/10W    |
| R720                | 1-216-037-00 s METAL, | CHIP 330 5% 1/10W    |
| R721                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R722                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R723                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R724                | 1-216-025-91 s METAL, | CHIP 100 5% 1/10W    |
| R725                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R726                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R727                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R728                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R729                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R730                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R731                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R732                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R733                | 1-208-800-11 s METAL, | CHIP 5.6k 0.5% 1/10W |
| R734                | 1-216-659-11 s METAL, | CHIP 2.2k 0.5% 1/10W |
| R735                | 1-216-057-00 s METAL, | CHIP 2.2k 5% 1/10W   |
| R736                | 1-208-800-11 s METAL, | CHIP 5.6k 0.5% 1/10W |
| R737                | 1-216-659-11 s METAL, | CHIP 2.2k 0.5% 1/10W |
| R738                | 1-216-055-00 s METAL, | CHIP 1.8k 5% 1/10W   |
| R739                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R740                | 1-216-017-91 s METAL, | CHIP 47 5% 1/10W     |
| R741                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R742                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R743                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R744                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R745                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R746                | 1-208-784-11 s METAL, | CHIP 1.2k 0.5% 1/10W |
| R747                | 1-208-774-11 s METAL, | CHIP 470 5% 1/10W    |
| R748                | 1-216-041-00 s METAL, | CHIP 470 5% 1/10W    |
| R749                | 1-216-663-11 s METAL, | CHIP 3.3k 0.5% 1/10W |
| R750                | 1-216-663-11 s METAL, | CHIP 3.3k 0.5% 1/10W |
| R751                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R752                | 1-216-651-11 s METAL, | CHIP 1k 0.5% 1/10W   |
| R755                | 1-216-639-11 s METAL, | CHIP 330 0.5% 1/10W  |
| R758                | 1-216-639-11 s METAL, | CHIP 330 0.5% 1/10W  |
| R759                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R760                | 1-216-065-00 s METAL, | CHIP 4.7k 5% 1/10W   |
| R761                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R762                | 1-216-624-11 s METAL, | CHIP 75 0.5% 1/10W   |
| R763-768            | 1-216-097-91 s METAL, | CHIP 100k 5% 1/10W   |
| R769-775            | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R776                | 1-216-113-00 s METAL, | CHIP 470k 5% 1/10W   |
| R777                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R778                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |
| R779                | 1-216-049-91 s METAL, | CHIP 1k 5% 1/10W     |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



(VP-44AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| R780                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W |
| R781                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| R782                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W |
| R784                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W   |
| RV101               | 1-241-785-11 s | RES, ADJ METAL 10k        |
| RV102               | 1-241-785-11 s | RES, ADJ METAL 10k        |
| RV103               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV201               | 1-241-763-11 s | RES, ADJ METAL 4.7k       |
| RV301               | 1-241-785-11 s | RES, ADJ METAL 10k        |
| RV302               | 1-241-785-11 s | RES, ADJ METAL 10k        |
| RV303               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV401               | 1-241-764-11 s | RES, ADJ METAL 10k        |
| RV501               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV502               | 1-241-763-11 s | RES, ADJ METAL 4.7k       |
| RV503               | 1-241-762-11 s | RES, ADJ METAL 2.2k       |
| RV504               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV505               | 1-241-760-11 s | RES, ADJ METAL 470        |
| RV506-511           | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV512               | 1-241-758-11 s | RES, ADJ METAL 100        |
| RV601               | 1-241-783-11 s | RES, ADJ METAL 2.2k       |
| RV602               | 1-241-787-11 s | RES, ADJ METAL 47k        |
| RV603               | 1-241-787-11 s | RES, ADJ METAL 47k        |
| RV604               | 1-241-783-11 s | RES, ADJ METAL 2.2k       |
| RV605               | 1-241-784-11 s | RES, ADJ METAL 4.7k       |
| RV606               | 1-241-784-11 s | RES, ADJ METAL 4.7k       |
| RV607               | 1-241-779-11 s | RES, ADJ METAL 100        |
| RV701               | 1-241-783-11 s | RES, ADJ METAL 2.2k       |
| RV702               | 1-241-783-11 s | RES, ADJ METAL 2.2k       |
| RV703               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV704               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV705               | 1-241-763-11 s | RES, ADJ METAL 4.7k       |
| RV706               | 1-241-763-11 s | RES, ADJ METAL 4.7k       |
| RV707               | 1-241-760-11 s | RES, ADJ METAL 470        |
| RV708               | 1-241-760-11 s | RES, ADJ METAL 470        |
| RV709               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| RV710               | 1-241-761-11 s | RES, ADJ METAL 1k         |
| TH201               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k  |
| TH401               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k  |
| TH601               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k  |

VP-44P BOARD (for UVW-1200P, PAL)

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| Jpc                 | A-8275-605-A o | MOUNTED CIRCUIT BOARD, VP-44P |
| lpc                 | 3-182-386-02 o | PLATE, SHIELD (L), CARD       |
| lpc                 | 7-821-759-45 s | SCREW, #SW2, 6x5              |
| lpc                 | 3-179-084-01 s | LEVER (R), PC BOARD           |
| lpc                 | 3-179-085-01 s | LEVER (L), PC BOARD           |

|          |                |                                 |    |
|----------|----------------|---------------------------------|----|
| *C51     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       | *9 |
| C101     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C102     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C103     | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |    |
| C104     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C105     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C106     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C107     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C108     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C109     | 1-163-108-00 s | CERAMIC, CHIP 43pF 5% 50V       |    |
| C110     | 1-163-249-11 s | CERAMIC, CHIP 82pF 5% 50V       |    |
| C111     | 1-163-108-00 s | CERAMIC, CHIP 43pF 5% 50V       |    |
| C112     | 1-124-903-11 s | ELECT 1uF 20% 50V               |    |
| C113     | 1-124-903-11 s | ELECT 1uF 20% 50V               |    |
| C114     | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V    |    |
| C115     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C116     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C117     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C118     | 1-163-245-11 s | CERAMIC, CHIP 56pF 5% 50V       |    |
| C119     | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V       |    |
| C120-127 | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C128     | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V      |    |
| C129     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C130     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C131     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C132     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C133     | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V       |    |
| C134-142 | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C143     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C144     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C145     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C146     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C147     | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V       |    |
| C148     | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V       |    |
| C149     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C150     | 1-126-933-11 s | ELECT 100uF 20% 16V             |    |
| C151     | 1-163-229-11 s | CERAMIC, CHIP 12pF 5% 50V       |    |
| C201-205 | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C207-212 | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C213     | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |    |
| C214     | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |    |
| C215     | 1-126-925-11 s | ELECT 470uF 20% 10V             |    |
| C216     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C217     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C218     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C219     | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |    |
| C220     | 1-164-161-11 s | CERAMIC, CHIP 0.0022uF 10% 100V |    |
| C221     | 1-163-091-00 s | CERAMIC, CHIP 8pF 50V           |    |
| C222     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C223     | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |    |
| C224     | 1-126-925-11 s | ELECT 470uF 20% 10V             |    |
| C225     | 1-126-925-11 s | ELECT 470uF 20% 10V             |    |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| C226-230            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C231                | 1-126-925-11 s | ELECT 4.7uF 20% 50V          |
| C232                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C234                | 1-107-552-11 s | MICA, CHIP 150pF 1% 50V      |
| C235                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C236                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C237                | 1-126-963-11 s | ELECT 4.7uF 20% 50V          |
| C238                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C239                | 1-163-114-00 s | CERAMIC, CHIP 75pF 5% 50V    |
| C240                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C241                | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V    |
| C242                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C243                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C244                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C245                | 1-126-925-11 s | ELECT 470uF 20% 10V          |
| C246                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C247                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C248                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C249                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C250                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C251                | 1-126-964-11 s | ELECT 10uF 20% 50V           |
| C252                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5% 50V    |
| C253                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C301                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C302                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C303                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C304                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C305                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C306                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C307                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C308                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C309                | 1-163-110-00 s | CERAMIC, CHIP 51pF 5% 50V    |
| C310                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C311                | 1-163-110-00 s | CERAMIC, CHIP 51pF 5% 50V    |
| C312                | 1-124-903-11 s | ELECT 1uF 20% 50V            |
| C313                | 1-124-903-11 s | ELECT 1uF 20% 50V            |
| C314                | 1-163-275-11 s | CERAMIC, CHIP 0.001uF 5% 50V |
| C315                | 1-163-135-00 s | CERAMIC, CHIP 560pF 5% 50V   |
| C316                | 1-163-257-11 s | CERAMIC, CHIP 180pF 5% 50V   |
| C317                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C318                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C319                | 1-163-113-00 s | CERAMIC, CHIP 68pF 5% 50V    |
| C320                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C321                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C322                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5% 50V    |
| C323                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C324                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C325                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C326                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C327                | 1-163-133-00 s | CERAMIC, CHIP 470pF 5% 50V   |
| C328                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C329                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C330                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C331                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C332                | 1-126-933-11 s | ELECT 100uF 20% 16V          |
| C333                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C334                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V   |
| C335-339            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V    |
| C340                | 1-126-933-11 s | ELECT 100uF 20% 16V          |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                  |
|---------------------|----------------|---------------------------------|
| C341                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C342                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C343                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C344                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C345                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C346                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5% 50V       |
| C347                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C348                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C349                | 1-163-241-11 s | CERAMIC, CHIP 39pF 5% 50V       |
| C350                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C351                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C401-408            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C409                | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C410                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C411                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C412                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C413                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C414                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C415                | 1-164-161-11 s | CERAMIC, CHIP 0.0022uF 10% 100V |
| C416                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C417                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C418                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C419                | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C420                | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C421-425            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C426                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C427                | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C428                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C429                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V           |
| C430                | 1-107-552-11 s | MICA, CHIP 150pF 1% 50V         |
| C431                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C432                | 1-126-963-11 s | ELECT 4.7uF 20% 50V             |
| C433                | 1-163-239-11 s | CERAMIC, CHIP 33pF 5% 50V       |
| C434                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C435                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C436                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |
| C437                | 1-126-925-11 s | ELECT 470uF 20% 10V             |
| C438                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C439                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C440                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C441                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C442                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C443                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C502                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C503                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C504                | 1-126-933-11 s | ELECT 100uF 20% 16V             |
| C505                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C506                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C507                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C508                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C509                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5% 50V       |
| C510                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |
| C511                | 1-163-251-11 s | CERAMIC, CHIP 100pF 5% 50V      |
| C512                | 1-131-353-00 s | TANTALUM 10uF 10% 35V           |
| C513                | 1-131-353-00 s | TANTALUM 10uF 10% 35V           |
| C514                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C515                | 1-130-491-00 s | MYLAR 0.047uF 5% 50V            |
| C516                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |
| C517                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V       |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C518                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C519                | 1-163-235-11 s | CERAMIC, CHIP 22pF 5K 50V |
| C520-526            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C527                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C528                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C529                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C530                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C531                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V     |
| C532                | 1-131-353-00 s | TANTALUM 10uF 10% 35V     |
| C533                | 1-131-353-00 s | TANTALUM 10uF 10% 35V     |
| C534                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C535                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C536                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C537                | 1-130-491-00 s | MYLAR 0.047uF 5K 50V      |
| C538                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C539                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C540                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C541                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5K 50V |
| C542                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C543                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C544                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C545                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C546                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C547                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V |
| C548                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C549                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C550                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C551                | 1-163-222-11 s | CERAMIC, CHIP 5pF 50V     |
| C552-556            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C557                | 1-126-925-11 s | ELECT 470uF 20% 10V       |
| C558                | 1-126-925-11 s | ELECT 470uF 20% 10V       |
| C559                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C560                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C561                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C562                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C563                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C601                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C602                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C603-608            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C609                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C610                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C613                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C614                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C615                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C616                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C617                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C618                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C619                | 1-131-347-00 s | TANTALUM 1uF 10% 35V      |
| C620                | 1-131-347-00 s | TANTALUM 1uF 10% 35V      |
| C621                | 1-131-347-00 s | TANTALUM 1uF 10% 35V      |
| C622                | 1-131-347-00 s | TANTALUM 1uF 10% 35V      |
| C623                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C624                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C625                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C626                | 1-130-491-00 s | MYLAR 0.047uF 5K 50V      |
| C627                | 1-130-491-00 s | MYLAR 0.047uF 5K 50V      |
| C628                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C629                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C630                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description            |
|---------------------|----------------|---------------------------|
| C631                | 1-126-964-11 s | ELECT 10uF 20% 50V        |
| C632-639            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C640                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C641                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| *C642               | 1-216-295-00 s | METAL, CHIP 0             |
| C643                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V |
| C644                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C645                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C646                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C647                | 1-163-087-00 s | CERAMIC, CHIP 4pF 50V     |
| C648                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C649                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C650                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C651                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C652                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C653                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C654                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C701                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C702                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C703                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C704                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C705                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5K 50V |
| C706                | 1-163-231-11 s | CERAMIC, CHIP 15pF 5K 50V |
| C707                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V |
| C708                | 1-163-243-11 s | CERAMIC, CHIP 47pF 5K 50V |
| C709                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C710                | 1-163-227-11 s | CERAMIC, CHIP 10pF 5K 50V |
| C711                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5K 50V |
| C712                | 1-163-237-11 s | CERAMIC, CHIP 27pF 5K 50V |
| C713-725            | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C726-730            | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C731                | 1-131-353-00 s | TANTALUM 10uF 10% 35V     |
| C732                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C733                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C734                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C735                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C736                | 1-130-487-00 s | MYLAR 0.022uF 5K 50V      |
| C737                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C738                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C739                | 1-163-033-91 s | CERAMIC, CHIP 0.022uF 50V |
| C740                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| C741                | 1-126-933-11 s | ELECT 100uF 20% 16V       |
| CN103               | 1-573-782-21 o | CONNECTOR, PHC 60P, MALE  |
| *CN104              | 1-573-782-21 o | CONNECTOR, PHC 60P, MALE  |
| CN105               | 1-506-491-11 s | CONNECTOR 12P, MALE       |
| *CN601              | 1-573-782-21 o | CONNECTOR, PHC 60P, MALE  |
| D201                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D401                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D501                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D502                | 8-719-941-04 s | DIODE SB007-03CP          |
| D503                | 8-719-021-31 s | DIODE 1Z45.1B             |
| D504                | 8-719-123-82 s | DIODE 1SS303-T1           |
| D601                | 8-719-941-04 s | DIODE SB007-03CP          |
| D701                | 8-719-123-82 s | DIODE 1SS303-T1           |
| DL101               | 1-415-674-11 s | DELAY LINE                |
| DL301               | 1-415-546-11 s | DELAY LINE 50uS           |
| FL201               | 1-239-819-11 s | FILTER, LOW-PASS          |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| FL401               | 1-239-772-11 | s FILTER, LOW-PASS 3MHz |
| FL601               | 1-239-771-11 | s FILTER, LOW-PASS 6MHz |
| IC101               | 8-752-052-75 | s IC CXA1479Q           |
| IC102               | 8-759-300-71 | s IC HD140538FP         |
| IC103               | 8-759-908-92 | s IC TL084CNS           |
| IC104               | 8-759-702-08 | s IC NJM360M            |
| IC202               | 8-752-052-48 | s IC CXA1370Q           |
| IC203               | 8-759-700-65 | s IC NJM79L05A          |
| IC204               | 1-810-333-11 | s HIC BP-022            |
| IC205               | 8-759-189-43 | s IC AN77L05-TA         |
| IC301               | 8-752-052-75 | s IC CXA1479Q           |
| IC302               | 8-759-300-71 | s IC HD140538FP         |
| IC303               | 8-759-908-92 | s IC TL084CNS           |
| IC401               | 8-752-052-48 | s IC CXA1370Q           |
| IC402               | 8-759-700-65 | s IC NJM79L05A          |
| IC403               | 1-810-333-11 | s HIC BP-022            |
| IC404               | 8-759-189-43 | s IC AN77L05-TA         |
| IC501               | 8-759-907-81 | s IC SN74LS221NS        |
| IC502               | 8-759-908-92 | s IC TL084CNS           |
| IC504               | 8-759-168-20 | s IC TA78L09S           |
| IC505               | 8-759-700-65 | s IC NJM79L05A          |
| IC506               | 8-759-908-92 | s IC TL084CNS           |
| IC507               | 8-752-052-73 | s IC CXA1451M           |
| IC508               | 8-752-052-73 | s IC CXA1451M           |
| IC509               | 8-752-052-73 | s IC CXA1451M           |
| IC510               | 8-752-052-73 | s IC CXA1451M           |
| IC511               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC512               | 8-759-182-94 | s IC PQ05S25U           |
| IC513               | 8-759-922-95 | s IC L79M05T-FA         |
| IC514               | 8-759-300-71 | s IC HD140538FP         |
| *IC515              | 8-759-300-71 | s IC HD140538FP         |
| IC516               | 8-759-700-65 | s IC NJM79L05A          |
| IC601               | 8-759-981-48 | s IC NM082M             |
| IC602               | 8-759-908-92 | s IC TL084CNS           |
| IC603               | 8-759-300-71 | s IC HD140538FP         |
| IC604               | 8-759-908-92 | s IC TL084CNS           |
| IC605               | 8-752-054-80 | s IC CXA1521M           |
| IC606               | 8-752-054-80 | s IC CXA1521M           |
| IC607               | 8-759-168-20 | s IC TA78L09S           |
| IC608               | 8-759-906-59 | s IC CX22017            |
| IC610               | 8-759-700-65 | s IC NJM79L05A          |
| IC612               | 8-752-052-73 | s IC CXA1451M           |
| IC613               | 8-759-262-00 | s IC MC14576CF          |
| IC701               | 8-752-052-73 | s IC CXA1451M           |
| IC702               | 8-752-052-73 | s IC CXA1451M           |
| IC703               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC704               | 8-759-925-74 | s IC TC74HC04ANS        |
| IC705               | 8-759-925-85 | s IC SN74HC32ANS        |
| IC706               | 8-759-189-43 | s IC AN77L05-TA         |
| IC707               | 8-759-700-65 | s IC NJM79L05A          |
| IC708               | 8-759-168-20 | s IC TA78L09S           |
| L101                | 1-410-482-31 | s INDUCTOR 100uH        |
| L102                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L103                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L104                | 1-410-466-41 | s INDUCTOR 4.7uH        |
| L105                | 1-410-482-31 | s INDUCTOR 100uH        |
| L106                | 1-410-462-11 | s INDUCTOR 2.2uH        |
| L107                | 1-410-482-31 | s INDUCTOR 100uH        |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L108                | 1-410-482-31 | s INDUCTOR 100uH          |
| L109                | 1-408-621-31 | s INDUCTOR 330uH          |
| L110                | 1-410-482-31 | s INDUCTOR 100uH          |
| L111                | 1-410-466-41 | s INDUCTOR 4.7uH          |
| L201                | 1-410-471-11 | s INDUCTOR 12uH           |
| L202                | 1-410-482-31 | s INDUCTOR 100uH          |
| L203                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L204                | 1-410-476-11 | s INDUCTOR 33uH           |
| L205                | 1-410-482-31 | s INDUCTOR 100uH          |
| L206                | 1-410-482-31 | s INDUCTOR 100uH          |
| L207                | 1-410-482-31 | s INDUCTOR 100uH          |
| L208                | 1-408-617-31 | s INDUCTOR 150uH          |
| L301                | 1-410-482-31 | s INDUCTOR 100uH          |
| L302                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L303                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L304                | 1-408-429-00 | s INDUCTOR 470uH          |
| L305                | 1-408-429-00 | s INDUCTOR 470uH          |
| L306                | 1-408-406-00 | s INDUCTOR 5.6uH          |
| L307                | 1-410-482-31 | s INDUCTOR 100uH          |
| L308                | 1-410-462-11 | s INDUCTOR 2.2uH          |
| L309                | 1-408-621-31 | s INDUCTOR 330uH          |
| L310                | 1-410-482-31 | s INDUCTOR 100uH          |
| L311                | 1-410-482-31 | s INDUCTOR 100uH          |
| L312                | 1-410-482-31 | s INDUCTOR 100uH          |
| L401                | 1-410-471-11 | s INDUCTOR 12uH           |
| L402                | 1-410-482-31 | s INDUCTOR 100uH          |
| L403                | 1-408-408-00 | s INDUCTOR 8.2uH          |
| L404                | 1-410-482-31 | s INDUCTOR 100uH          |
| L405                | 1-410-482-31 | s INDUCTOR 100uH          |
| L406                | 1-410-482-31 | s INDUCTOR 100uH          |
| *L501               | 1-410-482-31 | s INDUCTOR 100uH          |
| L503                | 1-410-482-31 | s INDUCTOR 100uH          |
| L504                | 1-410-482-31 | s INDUCTOR 100uH          |
| L505                | 1-410-478-11 | s INDUCTOR 47uH           |
| L506                | 1-410-476-11 | s INDUCTOR 33uH           |
| L507                | 1-410-482-31 | s INDUCTOR 100uH          |
| L501-606            | 1-410-482-31 | s INDUCTOR 100uH          |
| L507                | 1-408-413-00 | s INDUCTOR 22uH           |
| L508                | 1-408-413-00 | s INDUCTOR 22uH           |
| L702                | 1-410-482-31 | s INDUCTOR 100uH          |
| L703                | 1-410-476-11 | s INDUCTOR 33uH           |
| L704                | 1-410-476-11 | s INDUCTOR 33uH           |
| L706-710            | 1-412-533-21 | s INDUCTOR 47uH           |
| *Q51                | 8-729-904-41 | s TRANSISTOR PNY3         |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q103                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q104                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q105                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q106                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q107-111            | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q112                | 8-729-905-18 | s TRANSISTOR DTC144EU     |
| Q201                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q202                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q203                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q204                | 8-729-117-72 | s TRANSISTOR 2SC4178      |
| Q205                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |
| Q206                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q207                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q208                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q209                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q210                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q211                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q212                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q213                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q214                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q215                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q216                | 8-729-905-12 s | TRANSISTOR DT1A14EU     |
| Q217                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q218                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q219                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q220                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q301                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q302                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q303                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q304                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q305                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q306                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q307-311            | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q401                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q402                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q403                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q404                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q405                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q406                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q407                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q408                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q409                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q410                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q411                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q412                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q413                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q414                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q415                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q416                | 8-729-905-12 s | TRANSISTOR DT1A14EU     |
| Q417                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q418                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q501                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q502                | 8-729-923-06 s | TRANSISTOR PMW8         |
| Q503                | 8-729-904-04 s | TRANSISTOR PM52         |
| Q504                | 8-729-903-82 s | TRANSISTOR PMW2         |
| Q505                | 8-729-931-46 s | TRANSISTOR PMW7         |
| Q506                | 8-729-907-26 s | TRANSISTOR 1MX1         |
| Q507                | 8-729-904-41 s | TRANSISTOR PMY3         |
| Q508                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q509                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q510                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q511                | 8-729-907-26 s | TRANSISTOR 1MX1         |
| Q512                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q513                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q514                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q515                | 8-729-907-26 s | TRANSISTOR 1MX1         |
| Q516                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q517                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q518                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q519                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35  |
| Q520                | 8-729-117-32 s | TRANSISTOR 2SC4177      |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description             |
|---------------------|----------------|----------------------------|
| Q521                | 8-729-904-41 s | TRANSISTOR PMY3            |
| Q522                | 8-729-904-41 s | TRANSISTOR PMY3            |
| Q523                | 8-729-904-41 s | TRANSISTOR PMY3            |
| Q601                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q602                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q603                | 8-729-923-06 s | TRANSISTOR PMW8            |
| Q604                | 8-729-923-06 s | TRANSISTOR PMW8            |
| Q605                | 8-729-904-04 s | TRANSISTOR PM52            |
| Q606                | 8-729-904-04 s | TRANSISTOR PM52            |
| Q607                | 8-729-903-82 s | TRANSISTOR PMW2            |
| Q608                | 8-729-903-82 s | TRANSISTOR PMW2            |
| Q609                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q610                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q611                | 8-729-931-46 s | TRANSISTOR PMW7            |
| Q612                | 8-729-931-46 s | TRANSISTOR PMW7            |
| Q613                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q614-622            | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q623                | 8-729-143-14 s | TRANSISTOR 2SC4176-B35     |
| Q624                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q703                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q704                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q705                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q706                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q709                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q710                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q711                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q712                | 8-729-422-44 s | TRANSISTOR 2SK663          |
| Q713                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q714                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q715                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q716                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q718                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q719                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q720                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q721                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q722                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q723                | 8-729-907-26 s | TRANSISTOR 1MX1            |
| Q724                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q725                | 8-729-117-32 s | TRANSISTOR 2SC4177         |
| Q726                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| Q727                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6    |
| *R51                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W  |
| *R52                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W   |
| *R53                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| *R54                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W   |
| *R55                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W  |
| *R56                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| *R57                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W   |
| *R58                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W    |
| R101                | 1-216-295-61 s | RES, CHIP 0                |
| R102                | 1-216-295-61 s | RES, CHIP 0                |
| R103                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W |
| R104                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R105                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R106                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R108                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R109                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R110                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R111                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R112                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R113                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R114                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R115                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R116                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R117                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R118                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R119                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R120                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R121                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R122                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |
| R123                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R124                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R127                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R128                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R129                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R130                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R131                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W  |
| R132                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R133                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R134                | 1-216-645-11 s | METAL, CHIP 560 0.5% 1/10W  |
| R135                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R136                | 1-208-822-11 s | METAL, CHIP 47k 0.5% 1/10W  |
| R137                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R138                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R139                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R140                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R141                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R142                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R143                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R144                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R145                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R146                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R147                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R149                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R150                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R151                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R152                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R153                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R155                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R156                | 1-216-035-00 s | METAL, CHIP 270 5% 1/10W    |
| R157                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R158                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R159                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R160                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R161                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R162                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R163                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R164                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R155                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R166                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R167                | 1-216-295-91 s | RSS, CHIP 0                 |
| R168                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R169                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R170                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R202                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R203                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R206                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R207                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R208                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R209                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R210                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R211                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R212                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R213                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R214                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R215                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R216                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W |
| R217                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R218                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R219                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R220                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R221                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R222                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R223                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R224                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R225                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R226                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R227                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R228                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R229                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R230                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R231                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R232                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R233                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R234                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R235                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R236                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R237                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R238                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R239                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R240                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R241                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R242                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R243                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R244                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R245                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R246                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R247                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R248                | 1-208-799-11 s | METAL, CHIP 5.1k 0.5% 1/10W |
| R249                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R250                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R251                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R253                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R254                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R255                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R256                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R257                | 1-216-638-11 s | METAL, CHIP 300 0.5% 1/10W  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R258                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R259                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R260                | 1-216-689-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R261                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R262                | 1-216-685-11 | s METAL, CHIP 27k 0.5% 1/10W  |
| R263                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R264                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R265                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R266                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R267                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R268                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R269                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R270                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R271                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R272                | 1-208-751-11 | s METAL, CHIP 51 0.5% 1/10W   |
| R273                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R274                | 1-216-295-91 | s RES, CHIP 0                 |
| R275                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |
| R276                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R277                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W |
| R278                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R301                | 1-216-295-91 | s RES, CHIP 0                 |
| R302                | 1-216-295-91 | s RES, CHIP 0                 |
| R303                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R304                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R305                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R306                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R307                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R308                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R309                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R310                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R311                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R313                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R314                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R315                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R316                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R317                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R318                | 1-216-638-11 | s METAL, CHIP 300 0.5% 1/10W  |
| R319                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R320                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R321                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R322                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R323                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R324                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R325                | 1-208-775-11 | s METAL, CHIP 510 0.5% 1/10W  |
| R326                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R327                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R328                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R329                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R330                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R331                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R332                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R333                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R334                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R335                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R336                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |
| R337                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R338                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R339                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R340                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R341                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R342                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R343                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R344                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R345                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R346                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R347                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |
| R348                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R349                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R350                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R351                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R352                | 1-216-077-00 | s METAL, CHIP 15k 5% 1/10W    |
| R353                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R354                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R355                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R357                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R358                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R359                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R401                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R402                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R403                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R404                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R405                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R406                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R407                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R408                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R409                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R410                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R411                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R412                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R413                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R414                | 1-216-673-11 | s METAL, CHIP 8.2k 0.5% 1/10W |
| R415                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R416                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R417                | 1-216-065-00 | s METAL, CHIP 1.8k 5% 1/10W   |
| R418                | 1-208-784-11 | s METAL, CHIP 1.2k 0.5% 1/10W |
| R419                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R420                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R421                | 1-216-649-11 | s METAL, CHIP 320 0.5% 1/10W  |
| R422                | 1-216-664-11 | s METAL, CHIP 3.6k 0.5% 1/10W |
| R423                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R424                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R425                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R426                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R427                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R428                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R429                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R430                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R431                | 1-216-063-91 | s METAL, CHIP 3.9k 5% 1/10W   |
| R432                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R433                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R434                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R435                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R436                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R437                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R438                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-51 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.              | SP Description       |
|---------------------|-----------------------|----------------------|
| R439                | 1-216-063-91 s METAL  | CHIP 3.9k 5% 1/10W   |
| R440                | 1-216-667-11 s METAL  | CHIP 4.7k 0.5% 1/10W |
| R441                | 1-216-667-11 s METAL  | CHIP 4.7k 0.5% 1/10W |
| R442                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |
| R443                | 1-216-113-00 s METAL  | CHIP 470k 5% 1/10W   |
| R444                | 1-208-800-11 s METAL  | CHIP 5.6k 0.5% 1/10W |
| R446                | 1-216-687-11 s METAL  | CHIP 33k 0.5% 1/10W  |
| R447                | 1-208-812-11 s METAL  | CHIP 18k 0.5% 1/10W  |
| R448                | 1-216-651-11 s METAL  | CHIP 1k 0.5% 1/10W   |
| R449                | 1-216-025-91 s METAL  | CHIP 100 5% 1/10W    |
| R450                | 1-216-639-11 s METAL  | CHIP 330 0.5% 1/10W  |
| R451                | 1-216-665-11 s METAL  | CHIP 3.9k 0.5% 1/10W |
| R452                | 1-208-800-11 s METAL  | CHIP 5.6k 0.5% 1/10W |
| R453                | 1-216-689-11 s METAL  | CHIP 39k 0.5% 1/10W  |
| R454                | 1-216-121-91 s METAL  | CHIP 1M 5% 1/10W     |
| R455                | 1-216-685-11 s METAL  | CHIP 27k 0.5% 1/10W  |
| R456                | 1-216-073-00 s METAL  | CHIP 10k 5% 1/10W    |
| R457                | 1-216-025-91 s METAL  | CHIP 100 5% 1/10W    |
| R458                | 1-216-041-00 s METAL  | CHIP 470 5% 1/10W    |
| R459                | 1-216-638-11 s METAL  | CHIP 300 0.5% 1/10W  |
| R460                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R461                | 1-208-751-11 s METAL  | CHIP 51 0.5% 1/10W   |
| R462                | 1-216-037-00 s METAL  | CHIP 330 5% 1/10W    |
| R463                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |
| R464                | 1-216-089-91 s METAL  | CHIP 47k 5% 1/10W    |
| *R500               | 1-247-855-11 s CARBON | 10k 5% 1/4W          |
|                     | 1-216-073-00 s METAL  | CHIP 10k 5% 1/10W    |
| R501                | 1-208-806-11 s METAL  | CHIP 10k 0.5% 1/10W  |
| R502                | 1-208-806-11 s METAL  | CHIP 10k 0.5% 1/10W  |
| R503                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R504                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R505                | 1-216-089-91 s METAL  | CHIP 47k 5% 1/10W    |
| R506                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R507                | 1-208-806-11 s METAL  | CHIP 10k 0.5% 1/10W  |
| R508                | 1-216-687-11 s METAL  | CHIP 33k 0.5% 1/10W  |
| R509                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |
| R510                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R511                | 1-216-121-91 s METAL  | CHIP 1M 5% 1/10W     |
| R512                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R513                | 1-216-049-91 s METAL  | CHIP 1k 5% 1/10W     |
| R514                | 1-216-033-00 s METAL  | CHIP 220 5% 1/10W    |
| R515                | 1-216-045-00 s METAL  | CHIP 680 5% 1/10W    |
| R516                | 1-216-077-00 s METAL  | CHIP 15k 5% 1/10W    |
| R517                | 1-216-073-00 s METAL  | CHIP 10k 5% 1/10W    |
| R518                | 1-216-017-91 s METAL  | CHIP 47 5% 1/10W     |
| R519                | 1-216-027-00 s METAL  | CHIP 120 5% 1/10W    |
| R520                | 1-216-647-11 s METAL  | CHIP 680 0.5% 1/10W  |
| R521                | 1-216-659-11 s METAL  | CHIP 2.2k 0.5% 1/10W |
| R522                | 1-216-651-11 s METAL  | CHIP 1k 0.5% 1/10W   |
| R523                | 1-216-025-91 s METAL  | CHIP 100 5% 1/10W    |
| R524                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |
| R525                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |
| R526                | 1-216-025-91 s METAL  | CHIP 100 5% 1/10W    |
| R527                | 1-216-041-00 s METAL  | CHIP 470 5% 1/10W    |
| R528                | 1-216-627-11 s METAL  | CHIP 100 0.5% 1/10W  |
| R529                | 1-216-661-11 s METAL  | CHIP 2.7k 0.5% 1/10W |
| R530                | 1-216-295-91 s RES    | CHIP 0               |
| R531                | 1-216-057-00 s METAL  | CHIP 2.2k 5% 1/10W   |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.             | SP Description       |
|---------------------|----------------------|----------------------|
| R532                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R533                | 1-216-017-91 s METAL | CHIP 47 5% 1/10W     |
| R534                | 1-216-055-00 s METAL | CHIP 1.8k 5% 1/10W   |
| R535                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R536                | 1-208-774-11 s METAL | CHIP 470 5% 1/10W    |
| R537                | 1-208-784-11 s METAL | CHIP 1.2k 0.5% 1/10W |
| R538                | 1-208-774-11 s METAL | CHIP 470 5% 1/10W    |
| R539                | 1-208-774-11 s METAL | CHIP 470 5% 1/10W    |
| R540                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R541                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R542                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R544                | 1-216-061-00 s METAL | CHIP 470 5% 1/10W    |
| R546                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R547                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R548                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R549                | 1-216-639-11 s METAL | CHIP 330 0.5% 1/10W  |
| R550                | 1-216-651-11 s METAL | CHIP 1k 0.5% 1/10W   |
| R551                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R552                | 1-208-784-11 s METAL | CHIP 1.2k 0.5% 1/10W |
| R553                | 1-216-065-00 s METAL | CHIP 4.7k 5% 1/10W   |
| R554                | 1-216-651-11 s METAL | CHIP 1k 0.5% 1/10W   |
| R555                | 1-216-057-00 s METAL | CHIP 3.3k 5% 1/10W   |
| R556                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R557                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R558                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| *R559               | 1-216-113-00 s METAL | CHIP 470k 5% 1/10W   |
| R560                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R561                | 1-216-053-00 s METAL | CHIP 1.5k 5% 1/10W   |
| R562                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R563                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R564                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R565                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R566                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R567                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R568                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R569                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R570                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R571                | 1-216-057-00 s METAL | CHIP 2.2k 5% 1/10W   |
| R572                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R573                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R574                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R575                | 1-216-073-00 s METAL | CHIP 10k 5% 1/10W    |
| R576                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R577                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R578                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R579                | 1-216-041-00 s METAL | CHIP 470 5% 1/10W    |
| R580                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R581                | 1-216-053-00 s METAL | CHIP 1.5k 5% 1/10W   |
| R582                | 1-216-025-91 s METAL | CHIP 100 5% 1/10W    |
| R583                | 1-216-017-91 s METAL | CHIP 47 5% 1/10W     |
| R584                | 1-216-017-91 s METAL | CHIP 47 5% 1/10W     |
| R585                | 1-216-667-11 s METAL | CHIP 4.7k 0.5% 1/10W |
| R586                | 1-216-651-11 s METAL | CHIP 1k 0.5% 1/10W   |
| R587                | 1-216-073-00 s METAL | CHIP 10k 5% 1/10W    |
| R588                | 1-208-784-11 s METAL | CHIP 1.2k 0.5% 1/10W |
| R589                | 1-216-049-91 s METAL | CHIP 1k 5% 1/10W     |
| R590                | 1-216-081-00 s METAL | CHIP 22k 5% 1/10W    |
| R591                | 1-216-624-11 s METAL | CHIP 75 0.5% 1/10W   |
| R592                | 1-216-624-11 s METAL | CHIP 75 0.5% 1/10W   |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400P/1400P/1200P/1200P



## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R593                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R594                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R595                | 1-216-097-91 s | METAL, CHIP 100K 5% 1/10W   |
| R601-606            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R607                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R608                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R609                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R610                | 1-216-033-00 s | METAL, CHIP 220 5% 1/10W    |
| R611                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R612                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R613                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R614                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R615                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R616                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R617                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R618                | 1-216-027-00 s | METAL, CHIP 120 5% 1/10W    |
| R621                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R622                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R623                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R624                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R625                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R626                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R627                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R628                | 1-216-295-91 s | RES, CHIP 0                 |
| R629                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R630                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R631                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R632                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R633                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R634                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R635                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R636                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R637                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R638                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R639                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R640                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R641                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R642                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R643                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R644                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R646                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R647                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R648                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R649                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R650                | 1-216-063-91 s | METAL, CHIP 3.9k 5% 1/10W   |
| R651                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R652                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R653                | 1-216-649-11 s | METAL, CHIP 820 0.5% 1/10W  |
| R654                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R655                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R656                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R657                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R658                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R659                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R660                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R661                | 1-216-109-00 s | METAL, CHIP 330k 5% 1/10W   |
| R662                | 1-216-079-00 s | METAL, CHIP 18k 5% 1/10W    |
| R663                | 1-216-077-00 s | METAL, CHIP 15k 5% 1/10W    |
| R664                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R665                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R666                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R667                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R671                | 1-208-785-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R672                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R673                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R674                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R675                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R676                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R677                | 1-216-647-11 s | METAL, CHIP 680 0.5% 1/10W  |
| R678                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R679                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W |
| R680                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R681                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W    |
| R682                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R683                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R684                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R685                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R686                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R687                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R688                | 1-216-095-00 s | METAL, CHIP 82k 5% 1/10W    |
| R689                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R690                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R691                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R692                | 1-208-785-11 s | METAL, CHIP 1.3k 0.5% 1/10W |
| R693                | 1-216-652-11 s | METAL, CHIP 1.1k 0.5% 1/10W |
| R694                | 1-216-666-11 s | METAL, CHIP 4.3k 0.5% 1/10W |
| *R695               | 1-216-295-91 s | RES, CHIP 0                 |
| R701                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R702                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R703                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R704                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R705                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R706                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R707                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R708                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R709                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R710                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R711                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R712                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R713-718            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R719                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R720                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R721                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R722                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R723                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R724                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R725                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R726                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R727                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R728                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R729                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R730                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R731                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R732                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R733                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R734                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R735                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R736                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R737                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W |
| R738                | 1-216-655-00 s | METAL, CHIP 1.8k 5% 1/10W   |
| R739                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R740                | 1-216-017-91 s | METAL, CHIP 47 5% 1/10W     |
| R741                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R742                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R743                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R744                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R745                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R746                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W |
| R747                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R748                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R749                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R750                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R751                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R752                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R755                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R758                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R759                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R760                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R761                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R762                | 1-216-624-11 s | METAL, CHIP 75 0.5% 1/10W   |
| R763-768            | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R769-775            | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R776                | 1-216-113-00 s | METAL, CHIP 470k 5% 1/10W   |
| R777                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R778                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R779                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R780                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R781                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R782                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R784                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| RV101               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV102               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV103               | 1-241-761-11 s | RES, ADJ METAL 1k           |
| RV201               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| RV301               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV302               | 1-241-785-11 s | RES, ADJ METAL 10k          |
| RV303               | 1-241-761-11 s | RES, ADJ METAL 1k           |
| RV401               | 1-241-764-11 s | RES, ADJ METAL 10k          |
| RV501               | 1-241-761-11 s | RES, ADJ METAL 1k           |
| RV502               | 1-241-763-11 s | RES, ADJ METAL 4.7k         |
| RV503               | 1-241-762-11 s | RES, ADJ METAL 2.2k         |
| RV504               | 1-241-761-11 s | RES, ADJ METAL 1k           |
| RV505               | 1-241-760-11 s | RES, ADJ METAL 470          |
| RV506-511           | 1-241-761-11 s | RES, ADJ METAL 1k           |
| RV512               | 1-241-758-11 s | RES, ADJ METAL 100          |
| RV601               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV602               | 1-241-787-11 s | RES, ADJ METAL 47k          |
| RV603               | 1-241-787-11 s | RES, ADJ METAL 47k          |
| RV604               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV605               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV606               | 1-241-784-11 s | RES, ADJ METAL 4.7k         |
| RV607               | 1-241-779-11 s | RES, ADJ METAL 100          |
| RV701               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV702               | 1-241-783-11 s | RES, ADJ METAL 2.2k         |
| RV703               | 1-241-761-11 s | RES, ADJ METAL 1k           |

## (VP-44P BOARD (for UVW-1200P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description           |
|---------------------|----------------|--------------------------|
| RV704               | 1-241-761-11 s | RES, ADJ METAL 1k        |
| RV705               | 1-241-763-11 s | RES, ADJ METAL 4.7k      |
| RV706               | 1-241-763-11 s | RES, ADJ METAL 4.7k      |
| RV707               | 1-241-760-11 s | RES, ADJ METAL 470       |
| RV708               | 1-241-760-11 s | RES, ADJ METAL 470       |
| RV709               | 1-241-761-11 s | RES, ADJ METAL 1k        |
| RV710               | 1-241-761-11 s | RES, ADJ METAL 1k        |
| TH201               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k |
| TH401               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k |
| TH601               | 1-807-972-11 s | THERMISTOR SV-1715 1.25k |

## VR-155 BOARD

Ref. No.  
or Q'ty Part No. SP Description

VR-155 board is used for UVW-1400/1400P.

|       |                |                               |
|-------|----------------|-------------------------------|
| 1pc   | 1-648-916-11 o | PRINTED CIRCUIT BOARD, VR-155 |
| CN402 | 1-564-005-11 o | CONNECTOR 6P, MALE            |
| RV1   | 1-237-790-21 s | RES, VAR CARBON 10k           |
| RV2   | 1-237-790-21 s | RES, VAR CARBON 10k           |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## VRA-5A BOARD (for UVW-1400, NTSC)

Ref. No.  
or Q'ty Part No. SP Description

VRA-5A board is used for UVW-1400.

1pc A-2275-570-A o MOUNTED CIRCUIT BOARD, VRA-5A  
 1pc 3-182-386-02 o PLATE, SHIELD (L), CARD  
 1pc 7-621-759-45 s SCREW, PWS2.6x6  
 1pc 8-752-036-77 s IC CKAI179N  
 1pc 3-179-084-01 s LEVER (R), PC BOARD

1pc 3-179-085-01 s LEVER (L), PC BOARD

C101 1-126-933-11 s ELECT 100uF 20% 16V  
 C102 1-126-933-11 s ELECT 100uF 20% 16V  
 C103 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C104 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C105 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V

C106 1-126-925-11 s ELECT 470uF 20% 10V  
 C107 1-126-925-11 s ELECT 470uF 20% 10V  
 C108 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C109 1-126-925-11 s ELECT 470uF 20% 10V  
 C110 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C111 1-131-347-00 s TANTALUM 1uF 10% 35V  
 C112 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C113 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C114 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C115 1-126-933-11 s ELECT 100uF 20% 16V

C116 1-126-933-11 s ELECT 100uF 20% 16V  
 C117 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C118 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C119 1-126-933-11 s ELECT 100uF 20% 16V  
 C121 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V

C122 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
 C123 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
 C124 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C125 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C126 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C127 1-126-933-11 s ELECT 100uF 20% 16V  
 C128 1-131-381-00 s TANTALUM 47uF 10% 10V  
 C129 1-131-381-00 s TANTALUM 47uF 10% 10V  
 C130 1-131-353-00 s TANTALUM 10uF 10% 35V  
 C131 1-131-381-00 s TANTALUM 47uF 10% 10V

C132 1-131-381-00 s TANTALUM 47uF 10% 10V  
 C133 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C134 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C135 1-131-353-00 s TANTALUM 10uF 10% 35V  
 C136 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C137 1-126-933-11 s ELECT 100uF 20% 16V  
 C138 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
 C140 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V  
 C141 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V  
 C142 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C143 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C144 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C145 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
 C146 1-126-933-11 s ELECT 100uF 20% 16V  
 C147 1-126-933-11 s ELECT 100uF 20% 16V

C148 1-126-933-11 s ELECT 100uF 20% 16V  
 C200 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 \*C201 1-163-097-00 s CERAMIC, CHIP 15pF 5% 50V  
 1-163-229-11 s CERAMIC, CHIP 12pF 5% 50V  
 \*C202 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V  
 1-164-232-11 s CERAMIC, CHIP 0.01uF 10% 100V

Ref. No.  
or Q'ty Part No. SP Description

## (VRA-5A BOARD (for UVW-1400, NTSC))

\*C203 1-163-113-00 s CERAMIC, CHIP 68pF 5% 50V  
 1-163-237-11 s CERAMIC, CHIP 27pF 5% 50V

C204 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V  
 C205 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
 C206 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V  
 C207 1-126-933-11 s ELECT 100uF 20% 16V  
 C208 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V

C209 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C210 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C211 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C217 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C218 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V

C219 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C220 1-163-139-00 s CERAMIC, CHIP 820pF 5% 50V  
 C221 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C222 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C223 1-126-925-11 s ELECT 470uF 20% 10V

C224 1-126-925-11 s ELECT 470uF 20% 10V  
 C225-234 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C238 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C239 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C240-251 1-126-933-11 s ELECT 100uF 20% 16V

C252 1-126-933-11 s ELECT 100uF 20% 16V  
 C253-258 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C259 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C260 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C261 1-126-933-11 s ELECT 100uF 20% 16V

C262 1-126-933-11 s ELECT 100uF 20% 16V  
 C263 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C264 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C265 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C267 1-163-139-00 s CERAMIC, CHIP 820pF 5% 50V

C268 1-163-139-00 s CERAMIC, CHIP 820pF 5% 50V  
 C269 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V  
 C270 1-164-161-11 s CERAMIC, CHIP 0.0022uF 10% 100V  
 C271 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C301 1-126-933-11 s ELECT 100uF 20% 16V

C302 1-126-933-11 s ELECT 100uF 20% 16V  
 C303 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C304 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C305 1-126-933-11 s ELECT 100uF 20% 16V  
 C306 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C307 1-163-249-11 s CERAMIC, CHIP 82pF 5% 50V  
 C308 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C309 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C310 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V  
 C311 1-163-243-11 s CERAMIC, CHIP 47pF 5% 50V

C312 1-131-353-00 s TANTALUM 10uF 10% 35V  
 C313 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V  
 C314 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C316 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V  
 C317 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V

C318 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C319 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V  
 C320 1-126-933-11 s ELECT 100uF 20% 16V  
 C321 1-126-933-11 s ELECT 100uF 20% 16V  
 C322 1-126-933-11 s ELECT 100uF 20% 16V

\*24  
\*25

Note: In this list \* marked parts are design changed.  
 Refer to pages 18-29 to 18-31 for applicable serial numbers.  
 UVW-1400/1400P/1200/1200P

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| C323                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C324                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C325                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C326                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C327                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C328                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C329                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C330                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C331                | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C332                | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C333                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C334                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C335                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C336                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C337                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C338                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C339                | 1-163-251-11 | s CERAMIC, CHIP 150pF 5% 50V    |
| C340                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C341                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C342                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C343                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C344                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C345                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C346                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C347                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C348                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V     |
| C349                | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V     |
| C350                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C351                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C352                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C353                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C354                | 1-163-121-00 | s CERAMIC, CHIP 150pF 5% 50V    |
| C355                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C356                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C357                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C358                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C359                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C360                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V   |
| C361                | 1-163-241-11 | s CERAMIC, CHIP 39pF 5% 50V     |
| C362                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C363                | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V     |
| C364                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C365                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C366                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V    |
| C367                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C368                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C369                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C370                | 1-163-017-00 | s CERAMIC, CHIP 0.0047uF 5% 50V |
| C371                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C372                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C373                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C374                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |
| C375                | 1-163-220-11 | s CERAMIC, CHIP 3pF 50V         |
| C376                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V     |
| C377                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C378                | 1-126-933-11 | s ELECT 100uF 20% 16V           |
| C379                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V    |
| C380                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V    |
| C381                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V     |

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C382                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C383                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V     |
| C384                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C385                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V      |
| C386                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C387                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C388                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C389                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C390                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C391                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C392                | 1-163-089-00 | s CERAMIC, CHIP 6pF 50V           |
| C393                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C394                | 1-163-113-00 | s CERAMIC, CHIP 68pF 5% 50V       |
| C395                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C396                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C397                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C398                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C399                | 1-163-263-11 | s CERAMIC, CHIP 330pF 5% 50V      |
| C501                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C502                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C503                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C504                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C506                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C507                | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V      |
| C508                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C509                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C510                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C511                | 1-104-923-11 | s MICA, CHIP 180pF 0.25% 50V      |
| C513                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| *C514               | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V       |
|                     | 1-163-239-11 | s CERAMIC, CHIP 33pF 5% 50V       |
| C515                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| C516                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |
| C517                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C518                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C519                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C520                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C521                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C522                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C523                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C524                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C525                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V     |
| C526                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C527                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C528                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C529                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C530                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C531                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C603                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C604                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C605                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C606                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V       |
| C607                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V      |
| C608                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C609                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C610                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C611                | 1-104-923-11 | s MICA, CHIP 180pF 0.25% 50V      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| C613                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V        |
| C614                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V    |
| C615                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V        |
| C616                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V    |
| C617                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C618                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C619                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C620                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C621                | 1-131-353-00 | s TANTALUM 1uF 10% 35V         |
| C622                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C623                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V   |
| C624                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C625                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C626                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C627                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C628                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C631                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C632                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C701                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C702                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C703                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C704                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C705                | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C706                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C708                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C709                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V   |
| C710                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V   |
| C711                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C712                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C713                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C801                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C802                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C803                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C804                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C805                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V   |
| C806                | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C807                | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C808                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V |
| C809                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C810                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V   |
| C811                | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C812                | 1-131-353-00 | s TANTALUM 1uF 10% 35V         |
| C813                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C814                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C815                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C816                | 1-131-347-00 | s TANTALUM 1uF 10% 35V         |
| C901                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C902                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C903                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C904                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C905                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C906                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C907                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C908                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C909                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C910                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V    |
| C911                | 1-126-933-11 | s ELECT 100uF 20% 16V          |
| C912                | 1-126-933-11 | s ELECT 100uF 20% 16V          |

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| C913                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C914                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C915                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C916                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| C917                | 1-126-933-11 | s ELECT 100uF 20% 16V       |
| C918                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V |
| CN101               | 1-573-782-21 | o CONNECTOR, PHC 60P, MALE  |
| CN102               | 1-573-782-21 | o CONNECTOR, PHC 60P, MALE  |
| CV301               | 1-141-442-91 | s CAP, TRIMMER 20pF         |
| D101                | 8-719-941-23 | s DIODE DA204U              |
| D102                | 8-719-941-23 | s DIODE DA204U              |
| D109                | 8-719-123-82 | s DIODE ISS303-TI           |
| D202                | 8-719-123-82 | s DIODE ISS303-TI           |
| D301                | 8-719-041-39 | s DIODE KV1470              |
| D303                | 8-719-821-39 | s DIODE 1SV160              |
| *D305               | 8-713-300-88 | s DIODE IT33C-01            |
|                     | 8-719-002-81 | s DIODE IT363A-M20-TBA      |
| D306                | 8-719-941-23 | s DIODE DA204U              |
| D701                | 8-719-106-38 | s DIODE KDS. OM-B1          |
| D801                | 8-719-941-23 | s DIODE DA204U              |
| FR201               | 1-543-309-21 | s BEAD, FERRITE             |
| FL101               | 1-239-769-11 | s FILTER, LOW-PASS 5MHz     |
| FL102               | 1-239-313-11 | s FILTER, LOW-PASS 2MHz     |
| FL103               | 1-239-313-11 | s FILTER, LOW-PASS 2MHz     |
| FL201               | 1-239-769-11 | s FILTER, LOW-PASS 5MHz     |
| FL202               | 1-239-801-11 | s FILTER, LOW-PASS 4MHz     |
| IC101               | 8-759-300-71 | s IC HD14053BFP             |
| IC102               | 8-759-300-71 | s IC HD14053BFP             |
| IC103               | 8-759-908-92 | s IC TL084CNS               |
| IC104               | 8-759-925-76 | s IC SN74HC08ANS            |
| IC201               | 8-759-925-90 | s IC SN74HC74ANS            |
| IC202               | 8-759-300-71 | s IC HD14053BFP             |
| IC203               | 8-759-927-46 | s IC SN74HC00ANS            |
| IC205               | 8-759-085-99 | s IC M940568PF-G-BND        |
| IC206               | 8-759-085-99 | s IC M940568PF-G-BND        |
| IC207               | 8-759-035-93 | s IC TC7532F-TE85L          |
| IC208               | 8-759-147-02 | s IC UPD42101C-3            |
| IC209               | 8-759-147-02 | s IC UPD42101C-3            |
| IC210               | 8-759-513-76 | s IC CXD8161AQ              |
| IC211               | 8-759-031-84 | s IC TC7504F                |
| IC212               | 8-752-329-28 | s IC CXD1151Q               |
| IC213               | 8-752-363-43 | s IC CXD1171M-1-TH          |
| IC214               | 8-752-363-43 | s IC CXD1171M-1-TH          |
| IC215               | 8-759-300-71 | s IC HD14053BFP             |
| IC216               | 8-759-907-81 | s IC SN74LS221NS            |
| IC217               | 8-759-008-31 | s IC M74HC4002F             |
| IC218               | 8-759-925-85 | s IC SN74HC32ANS            |
| IC219               | 8-759-234-20 | s IC TC7508F                |
| IC220               | 8-759-300-71 | s IC HD14053BFP             |
| IC301               | 8-759-008-67 | s IC MC140568F              |
| IC302               | 8-752-339-04 | s IC CXD2208Q               |
| IC303               | 8-759-908-92 | s IC TL084CNS               |
| IC304               | 8-759-906-53 | s IC TL062CPS               |
| IC305               | 8-759-031-84 | s IC TC7504F                |
| IC306               | 8-759-908-92 | s IC TL084CNS               |
| IC307               | 8-759-031-84 | s IC TC7504F                |

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\*32

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VRA-5A BOARD (for UUV-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description    |
|---------------------|--------------|-------------------|
| IC308               | 8-759-906-53 | s IC TL052CPS     |
| IC309               | 8-759-300-71 | s IC HD14053BFP   |
| IC310               | 8-759-520-55 | s IC CKD8243AM    |
| IC311               | 8-759-008-67 | s IC MC1406BFP    |
| IC312               | 8-759-907-81 | s IC SN74LS221NS  |
| IC313               | 8-759-239-58 | s IC TC74HC221AF  |
| IC314               | 8-759-009-06 | s IC TL431CLP     |
| IC315               | 8-759-908-15 | s IC TL431CLP     |
| IC316               | 8-759-908-15 | s IC TL431CLP     |
| IC317               | 8-759-031-84 | s IC TC7S04F      |
| IC501               | 1-810-334-11 | s HIC BP-023      |
| IC502               | 8-759-908-15 | s IC TL431CLP     |
| IC501               | 1-810-334-11 | s HIC BP-023      |
| IC602               | 8-759-908-15 | s IC TL431CLP     |
| IC701               | 8-759-300-71 | s IC HD14053BFP   |
| IC702               | 8-752-052-82 | s IC CXA1432M     |
| IC703               | 8-759-242-64 | s IC TC4W53F      |
| IC704               | 8-759-239-58 | s IC TC74HC221AF  |
| IC705               | 8-759-925-90 | s IC SN74HC74ANS  |
| IC706               | 8-759-926-24 | s IC SN74HC164ANS |
| IC707               | 8-759-242-64 | s IC TC4W53F      |
| IC801               | 8-752-064-20 | s IC CXA1727Q     |
| IC802               | 8-752-366-06 | s IC CKD3122AQ    |
| IC901               | 8-759-182-84 | s IC PQ05S25U     |
| IC902               | 8-759-822-95 | s IC L79M05T-FA   |
| IC903               | 8-759-182-84 | s IC PQ05S25U     |
| IC904               | 8-759-172-41 | s IC L79M05T-TL   |
| L101-105            | 1-410-482-31 | s INDUCTOR 100uH  |
| L107                | 1-410-482-31 | s INDUCTOR 100uH  |
| L201                | 1-408-413-00 | s INDUCTOR 22uH   |
| *L202               | 1-410-476-11 | s INDUCTOR 33uH   |
|                     | 1-408-413-00 | s INDUCTOR 22uH   |
| L203                | 1-408-419-00 | s INDUCTOR 68uH   |
| L204                | 1-408-413-00 | s INDUCTOR 22uH   |
| L205                | 1-410-462-11 | s INDUCTOR 2.2uH  |
| L206                | 1-410-462-11 | s INDUCTOR 2.2uH  |
| L207                | 1-410-482-31 | s INDUCTOR 100uH  |
| L208                | 1-410-482-31 | s INDUCTOR 100uH  |
| L301                | 1-410-482-31 | s INDUCTOR 100uH  |
| L302                | 1-410-464-11 | s INDUCTOR 3.3uH  |
| L303                | 1-410-478-11 | s INDUCTOR 47uH   |
| L304                | 1-410-476-11 | s INDUCTOR 33uH   |
| L305                | 1-408-406-00 | s INDUCTOR 5.6uH  |
| L306-314            | 1-410-482-31 | s INDUCTOR 100uH  |
| L315                | 1-410-470-11 | s INDUCTOR 10uH   |
| L316                | 1-410-473-11 | s INDUCTOR 18uH   |
| L317                | 1-408-416-00 | s INDUCTOR 39uH   |
| L501                | 1-410-482-31 | s INDUCTOR 100uH  |
| L502                | 1-410-482-31 | s INDUCTOR 100uH  |
| L503                | 1-408-419-00 | s INDUCTOR 68uH   |
| L505                | 1-410-464-11 | s INDUCTOR 3.3uH  |
| L506                | 1-410-482-31 | s INDUCTOR 100uH  |
| L507                | 1-410-478-11 | s INDUCTOR 47uH   |
| L503                | 1-408-420-00 | s INDUCTOR 82uH   |
| L605                | 1-410-464-11 | s INDUCTOR 3.3uH  |
| L606                | 1-410-482-31 | s INDUCTOR 100uH  |
| L607                | 1-408-425-00 | s INDUCTOR 220uH  |
| L608                | 1-410-482-31 | s INDUCTOR 100uH  |

## (VRA-5A BOARD (for UUV-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| L801                | 1-410-482-31 | s INDUCTOR 100uH          |
| L901-905            | 1-412-533-21 | s INDUCTOR 47uH           |
| LV301               | 1-406-745-11 | s INDUCTOR, VAR 6.8uH     |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q104                | 8-729-904-41 | s TRANSISTOR PNY3         |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q107                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q108                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q109                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q110                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q111                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q112                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q113                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q114                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q115                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q116                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q117-122            | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q123                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q124                | 8-729-422-44 | s TRANSISTOR 2SK663       |
| Q125                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q127                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q128                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q129                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q130                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q131                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q132                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q133                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q301                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q202                | 8-729-905-12 | s TRANSISTOR DTA144EU     |
| Q203                | 8-729-905-18 | s TRANSISTOR DTC144EU     |
| Q204                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q207                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q209                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q210                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q211                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q212                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q213                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q301                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q303                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q305                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q306                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q307                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q308                | 8-729-905-18 | s TRANSISTOR DTC144EU     |
| Q309                | 8-729-905-18 | s TRANSISTOR DTC144EU     |
| Q310                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q311                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q312                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q313                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q316                | 8-729-905-18 | s TRANSISTOR DTC144EU     |
| Q317                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |
| Q318                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q319                | 8-729-140-63 | s TRANSISTOR 2SA1611-M5M6 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UUV-1400/1400P/1200/1200P

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| Q320                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| Q321                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q322                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33   |
| Q323                | 8-729-143-07 | s TRANSISTOR 2SA1610-YY33   |
| *Q324               | 8-729-201-27 | s TRANSISTOR 2SC2715-Y      |
|                     | 8-729-120-28 | s TRANSISTOR 2SC1623-LSL6   |
| Q325                | 8-729-140-47 | s TRANSISTOR 2SC3735-B34    |
| Q508-512            | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q513                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q514                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q515                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q516                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q517                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q518                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| Q519                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q520                | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q601                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q602                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q603                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q604-610            | 8-729-117-72 | s TRANSISTOR 2SC4178        |
| Q701                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q702                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q703                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q704                | 8-729-907-26 | s TRANSISTOR 1DM1           |
| Q705                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q706                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q707                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q708                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q709                | 8-729-907-26 | s TRANSISTOR 1DM1           |
| Q710                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q711                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q712                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q713                | 8-729-902-96 | s TRANSISTOR PMS1           |
| Q714                | 8-729-903-10 | s TRANSISTOR PNM1           |
| Q715                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q716                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q717                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q801                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q802                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q803                | 8-729-117-32 | s TRANSISTOR 2SC4177        |
| Q804                | 8-729-140-63 | s TRANSISTOR 2SA1611-MEM6   |
| R100                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R101                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R102                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R103                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R104                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R105                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R106                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W   |
| R107                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R108                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W |
| R109                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W  |
| R110                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R111                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R112                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R113                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R114                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W |
| R115                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W   |
| R116                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W  |

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R117                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R118                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R119                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R120                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W  |
| R121                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R122                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R123                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R124                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |
| R127                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R128                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R129                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R130                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R131                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R132                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R133                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R134                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R135                | 1-216-657-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R136                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R137                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R138                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R139                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R140                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R141                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R142                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R143                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R144                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R145                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R146                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R147                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R149                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R150                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R151                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R152                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R153                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R155                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R156                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R157                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R158                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R159                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R160                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R161                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R162                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R164                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R165                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R166                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R167                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R168                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R171                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R172                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R173                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R174                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R175                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R176                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R177                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R178                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W  |
| R180                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R181                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R182                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R184                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R185                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R186                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| *R188               | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
|                     | 1-216-618-11 s | METAL, CHIP 43 0.5% 1/10W   |
| R190                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R193                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R200                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R201                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R202                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R203                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R204                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R205                | 1-216-631-11 s | METAL, CHIP 150 0.5% 1/10W  |
| R206                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W |
| R207                | 1-216-631-11 s | METAL, CHIP 150 0.5% 1/10W  |
| R208                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R209                | 1-216-619-11 s | METAL, CHIP 47 0.5% 1/10W   |
| R210                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W     |
| R211                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W     |
| R212                | 1-216-009-00 s | METAL, CHIP 22 5% 1/10W     |
| R216                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W     |
| R217                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R220                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W |
| R223                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R224                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W  |
| R225                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R226                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R227                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R228                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W  |
| R229                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W |
| R230                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R231                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R232                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R233                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R234                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R236                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R238                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R239                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R241                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R242                | 1-216-696-11 s | METAL, CHIP 75k 0.5% 1/10W  |
| R243                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R244                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R245                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R246                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R247                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R248                | 1-208-812-11 s | METAL, CHIP 18k 0.5% 1/10W  |
| R249                | 1-216-081-00 s | METAL, CHIP 22k 5% 1/10W    |
| R250                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R251                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R252                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R253                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R254                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R255                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W  |
| R256                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R257                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R258                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R259                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R261                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R262                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R263                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R265                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R266                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| *1                  |                |                             |
| *2                  |                |                             |
| R268                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R269                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R270                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R272-279            | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R280                | 1-216-695-11 s | METAL, CHIP 68k 0.5% 1/10W  |
| R301                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R302                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W   |
| R303                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R304                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R305                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R306                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R307                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R308                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R314                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R315                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R316                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R317                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R318                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R319                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R320                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R321                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R322                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R323                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R324                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R325                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R326                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R327                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R328                | 1-208-800-11 s | METAL, CHIP 5.6k 0.5% 1/10W |
| R329                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R330                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R331                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R332                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R333                | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W   |
| R334                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R335                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R336                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W |
| R338                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R339                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R340                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R341                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R342                | 1-218-760-11 s | METAL, CHIP 220k 0.5% 1/10W |
| R343                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R344                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R345                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P



## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description              |
|---------------------|--------------|-----------------------------|
| R346                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R347                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R348                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R349                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R350                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R351                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W    |
| R352                | 1-208-801-11 | METAL, CHIP 6.2k 0.5% 1/10W |
| R353                | 1-216-634-11 | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W |
| R355                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R357                | 1-216-121-91 | METAL, CHIP 1M 5% 1/10W     |
| R358                | 1-216-117-00 | METAL, CHIP 680k 5% 1/10W   |
| R359                | 1-216-635-11 | METAL, CHIP 220 0.5% 1/10W  |
| R360                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W |
| R361                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R362                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R363                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R364                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W  |
| R365                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R367                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R368                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R369                | 1-216-665-11 | METAL, CHIP 3.9k 0.5% 1/10W |
| R370                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R371                | 1-216-635-11 | METAL, CHIP 220 0.5% 1/10W  |
| R372                | 1-216-639-11 | METAL, CHIP 330 0.5% 1/10W  |
| *R375               | 1-216-681-11 | METAL, CHIP 18k 0.5% 1/10W  |
|                     | 1-216-683-11 | METAL, CHIP 22k 0.5% 1/10W  |
|                     | 1-208-812-11 | METAL, CHIP 18k 0.5% 1/10W  |
| R376                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R377                | 1-208-784-11 | METAL, CHIP 1.2k 0.5% 1/10W |
| R378                | 1-208-810-11 | METAL, CHIP 15k 0.5% 1/10W  |
| R379                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R380                | 1-216-671-11 | METAL, CHIP 6.8k 0.5% 1/10W |
| R381                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W    |
| R382                | 1-216-673-11 | METAL, CHIP 8.2k 0.5% 1/10W |
| R383                | 1-216-673-11 | METAL, CHIP 8.2k 0.5% 1/10W |
| R384                | 1-216-673-11 | METAL, CHIP 8.2k 0.5% 1/10W |
| R385                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W    |
| R386                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W  |
| R387                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R388                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R389                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R390                | 1-216-655-11 | METAL, CHIP 1.5k 0.5% 1/10W |
| R391                | 1-216-655-11 | METAL, CHIP 1.5k 0.5% 1/10W |
| R392                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W   |
| R393                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W |
| R394                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R395                | 1-216-049-91 | METAL, CHIP 1k 5% 1/10W     |
| R397                | 1-216-295-91 | RES, CHIP 0                 |
| R399                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W   |
| R400                | 1-208-789-11 | METAL, CHIP 2k 0.5% 1/10W   |
| R401                | 1-208-784-11 | METAL, CHIP 1.2k 0.5% 1/10W |
| R402                | 1-216-648-11 | METAL, CHIP 750 0.5% 1/10W  |
| R403                | 1-216-037-00 | METAL, CHIP 330 5% 1/10W    |
| R404                | 1-216-671-11 | METAL, CHIP 6.8k 0.5% 1/10W |
| R405                | 1-208-817-11 | METAL, CHIP 30k 0.5% 1/10W  |
| R406                | 1-216-041-00 | METAL, CHIP 470 5% 1/10W    |
| R407                | 1-216-133-00 | METAL, CHIP 3.3M 5% 1/10W   |

## (VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| E501                | 1-216-085-00 | METAL, CHIP 33k 5% 1/10W      |
| E502                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W      |
| E503                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W   |
| E504                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W   |
| E505                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W     |
| E506                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W     |
| E507                | 1-216-651-11 | METAL, CHIP 1k 0.5% 1/10W     |
| E508                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W     |
| E509                | 1-216-641-11 | METAL, CHIP 390 0.5% 1/10W    |
| E510                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W   |
| E511                | 1-216-615-11 | METAL, CHIP 33 0.5% 1/10W     |
| E512                | 1-218-184-11 | METAL, CHIP 997 0.1% 1/16W    |
| E514                | 1-216-635-11 | METAL, CHIP 220 0.5% 1/10W    |
| E515                | 1-216-699-11 | METAL, CHIP 100k 0.5% 1/10W   |
| E516                | 1-218-922-11 | METAL, CHIP 3.26k 0.10% 1/16W |
| E517                | 1-216-604-11 | METAL, CHIP 11 0.5% 1/10W     |
| E518                | 1-216-661-11 | METAL, CHIP 2.7k 0.5% 1/10W   |
| E519                | 1-216-067-00 | METAL, CHIP 2.2k 5% 1/10W     |
| E520                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W      |
| E521                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W   |
| E522                | 1-216-655-11 | METAL, CHIP 1.5k 0.5% 1/10W   |
| E523                | 1-216-687-11 | METAL, CHIP 33k 0.5% 1/10W    |
| E524                | 1-216-295-91 | RES, CHIP 0                   |
| E525                | 1-216-657-11 | METAL, CHIP 1.8k 0.5% 1/10W   |
| E526                | 1-216-682-11 | METAL, CHIP 20k 0.5% 1/10W    |
| E527                | 1-208-810-11 | METAL, CHIP 15k 0.5% 1/10W    |
| E528                | 1-216-295-91 | RES, CHIP 0                   |
| E529                | 1-216-295-91 | RES, CHIP 0                   |
| E530                | 1-216-687-11 | METAL, CHIP 33k 0.5% 1/10W    |
| E531                | 1-208-774-11 | METAL, CHIP 470 5% 1/10W      |
| E532                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W   |
| E533                | 1-208-774-11 | METAL, CHIP 470 5% 1/10W      |
| E534                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W      |
| E535                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W      |
| E536                | 1-216-067-00 | METAL, CHIP 2.2k 5% 1/10W     |
| E537                | 1-216-661-11 | METAL, CHIP 2.7k 0.5% 1/10W   |
| E538                | 1-216-657-11 | METAL, CHIP 1.8k 0.5% 1/10W   |
| E539                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W      |
| E540                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W   |
| E541                | 1-216-659-11 | METAL, CHIP 2.2k 0.5% 1/10W   |
| E542                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W      |
| E543                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W      |
| E544                | 1-216-025-91 | METAL, CHIP 100 5% 1/10W      |
| E545                | 1-216-037-00 | METAL, CHIP 330 5% 1/10W      |
| E546                | 1-216-037-00 | METAL, CHIP 330 5% 1/10W      |
| E547                | 1-208-810-11 | METAL, CHIP 15k 0.5% 1/10W    |
| E548                | 1-208-806-11 | METAL, CHIP 10k 0.5% 1/10W    |
| E549                | 1-216-295-91 | RES, CHIP 0                   |
| E550                | 1-216-013-00 | METAL, CHIP 33 5% 1/10W       |
| E551                | 1-216-013-00 | METAL, CHIP 33 5% 1/10W       |
| E552                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W     |
| E553                | 1-216-655-11 | METAL, CHIP 1.5k 0.5% 1/10W   |
| E554                | 1-208-814-11 | METAL, CHIP 22k 0.5% 1/10W    |
| E555                | 1-216-663-11 | METAL, CHIP 3.3k 0.5% 1/10W   |
| E556                | 1-216-667-11 | METAL, CHIP 4.7k 0.5% 1/10W   |
| E557                | 1-216-677-11 | METAL, CHIP 12k 0.5% 1/10W    |
| E558                | 1-216-065-00 | METAL, CHIP 4.7k 5% 1/10W     |
| E559                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W      |
| E560                | 1-216-073-00 | METAL, CHIP 10k 5% 1/10W      |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VRA-5A BOARD (for UVM-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R561                | 1-216-665-11 s | METAL, CHIP 3.9k 0.5% 1/10W   |
| R562                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R563                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R564                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W    |
| R565                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W    |
| R601                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W      |
| R602                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R603                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R604                | 1-216-051-00 s | METAL, CHIP 1.2k 5% 1/10W     |
| R605                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |
| R606                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R607                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R608                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R609                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R610                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W    |
| R611                | 1-216-659-11 s | METAL, CHIP 2.2k 0.5% 1/10W   |
| R612                | 1-216-611-11 s | METAL, CHIP 22 0.5% 1/10W     |
| R613                | 1-218-184-11 s | METAL, CHIP 997 0.1% 1/16W    |
| R614                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W    |
| R615                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W    |
| R617                | 1-218-922-11 s | METAL, CHIP 3.26k 0.10% 1/16W |
| R618                | 1-216-603-11 s | METAL, CHIP 10 0.5% 1/10W     |
| R619                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W   |
| R620                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R621                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| R622                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R623                | 1-216-655-11 s | METAL, CHIP 1.5k 0.5% 1/10W   |
| R624                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W    |
| R625                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W    |
| R626                | 1-216-295-91 s | RES, CHIP 0                   |
| R627                | 1-216-682-11 s | METAL, CHIP 20k 0.5% 1/10W    |
| R628                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W    |
| R629                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R630                | 1-216-295-91 s | RES, CHIP 0                   |
| R631                | 1-216-687-11 s | METAL, CHIP 33k 0.5% 1/10W    |
| R632                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W    |
| R633                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R634                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W      |
| R635                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R636                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R637                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R638                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| R639                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W    |
| R640                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W    |
| R641                | 1-208-775-11 s | METAL, CHIP 510 0.5% 1/10W    |
| R642                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R643                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| R644                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W      |
| R645                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R646                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W     |
| R647                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R648                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R649                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R650                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R651                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R652                | 1-216-033-00 s | METAL, CHIP 33 5% 1/10W       |
| R653                | 1-216-033-00 s | METAL, CHIP 33 5% 1/10W       |
| R654                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R655                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |

## (VRA-5A BOARD (for UVM-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.       | SP Description               |
|---------------------|----------------|------------------------------|
| R656                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R657                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R658                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R701                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R702                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R703                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W |
| R704                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W |
| R705                | 1-208-630-11 s | METAL, CHIP 11.49 0.1% 1/16W |
| R706                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R708                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R709                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R710                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W  |
| R711                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W |
| R712                | 1-208-630-11 s | METAL, CHIP 11.49 0.1% 1/16W |
| R713                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R714                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W    |
| R715                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W      |
| R716                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W    |
| R717                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W     |
| R718                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W     |
| R719                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W     |
| R720                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R721                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R722                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R723                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R724                | 1-208-623-11 s | METAL, CHIP 1.43k 0.1% 1/16W |
| R725                | 1-208-625-11 s | METAL, CHIP 2.25k 0.1% 1/16W |
| R726                | 1-208-627-11 s | METAL, CHIP 4.41k 0.1% 1/16W |
| R727                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R728                | 1-216-055-00 s | METAL, CHIP 1.8k 5% 1/10W    |
| R729                | 1-218-477-11 s | METAL, CHIP 220 5% 1/4W      |
| R730                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W    |
| R731                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W     |
| R732                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W     |
| R733                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W     |
| R734                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R735                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W      |
| R736                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W    |
| R737                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W    |
| R738                | 1-216-622-11 s | METAL, CHIP 62 0.5% 1/10W    |
| R739                | 1-216-625-11 s | METAL, CHIP 82 0.5% 1/10W    |
| R740                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R741                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W     |
| R742                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W     |
| R743                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R744                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W     |
| R745                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W     |
| R746                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W  |
| R747                | 1-216-627-11 s | METAL, CHIP 100 0.5% 1/10W   |
| R748                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R749                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W  |
| R750                | 1-216-045-00 s | METAL, CHIP 680 5% 1/10W     |
| R751                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W    |
| R752                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R753                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W    |
| R754                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W   |
| R755                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W   |
| R756                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W  |
| R801                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVM-1400/1400P/1200/1200P

(VRA-5A BOARD (for UVW-1400, NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| R802                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R803                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R804                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R805                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R806                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W |
| R807                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W   |
| R808                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R809                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R810                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W |
| R811                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R812                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W |
| R813                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W   |
| R814                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R815                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W  |
| R816                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W   |
| R817                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| R818                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W   |
| RV101               | 1-241-760-11 | s RES, ADJ METAL 470         |
| RV102               | 1-241-760-11 | s RES, ADJ METAL 470         |
| RV103               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV104               | 1-241-760-11 | s RES, ADJ METAL 470         |
| RV105               | 1-241-759-21 | s RES, ADJ METAL 220         |
| RV201               | 1-241-784-11 | s RES, ADJ METAL 4.7k        |
| RV202               | 1-241-785-11 | s RES, ADJ METAL 10k         |
| RV203               | 1-241-785-11 | s RES, ADJ METAL 10k         |
| RV301               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV302               | 1-241-785-11 | s RES, ADJ METAL 10k         |
| RV303               | 1-241-784-11 | s RES, ADJ METAL 4.7k        |
| RV304               | 1-241-784-11 | s RES, ADJ METAL 4.7k        |
| RV305               | 1-241-784-11 | s RES, ADJ METAL 4.7k        |
| RV306               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV501               | 1-241-761-11 | s RES, ADJ METAL 1k          |
| RV502               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV503               | 1-241-762-11 | s RES, ADJ METAL 2.2k        |
| RV504               | 1-241-763-11 | s RES, ADJ METAL 4.7k        |
| RV505               | 1-241-763-11 | s RES, ADJ METAL 4.7k        |
| RV701               | 1-241-760-11 | s RES, ADJ METAL 470         |
| RV702               | 1-241-761-11 | s RES, ADJ METAL 1k          |
| RV703               | 1-241-761-11 | s RES, ADJ METAL 1k          |
| S201                | 1-571-275-31 | s SWITCH, SLIDE              |
| TR201               | 1-807-972-11 | s THERMISTOR 5V-1715 1.25k   |
| X301                | 1-527-722-00 | s CRYSTAL 14.31818MHz        |
| X302                | 1-760-109-21 | s CRYSTAL 10.738635MHz       |

VRA-5AP BOARD (for UVW-1400P, PAL)

| Ref. No.<br>or Q'ty                  | Part No.     | SP Description                   |
|--------------------------------------|--------------|----------------------------------|
| VRA-5AP board is used for UVW-1400P. |              |                                  |
| 1pc                                  | A-8275-604-A | o MOUNTED CIRCUIT BOARD, VRA-5AP |
| 1pc                                  | 3-162-386-02 | o PLATE, SHIELD (L), CARD        |
| 1pc                                  | 7-521-759-45 | s SCREW, #2W2.6x5                |
| 1pc                                  | 8-752-036-77 | s IC CK41179N                    |
| 1pc                                  | 3-179-084-01 | s LEVER (R), PC BOARD            |
| 1pc                                  | 3-179-085-01 | s LEVER (L), PC BOARD            |
| C101                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C102                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C103                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C104                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C105                                 | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C106                                 | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C107                                 | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C108                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C109                                 | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C110                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C111                                 | 1-131-347-00 | s TANTALUM 1uF 10% 35V           |
| C112                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C113                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C114                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C115                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C116                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C117                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C118                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C119                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C121                                 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C122                                 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V      |
| C123                                 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V      |
| C124                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C125                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C126                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C127                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C128                                 | 1-131-381-00 | s TANTALUM 47uF 10% 10V          |
| C129                                 | 1-131-381-00 | s TANTALUM 47uF 10% 10V          |
| C130                                 | 1-131-353-00 | s TANTALUM 10uF 10% 35V          |
| C131                                 | 1-131-381-00 | s TANTALUM 47uF 10% 10V          |
| C132                                 | 1-131-381-00 | s TANTALUM 47uF 10% 10V          |
| C133                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C134                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C135                                 | 1-131-353-00 | s TANTALUM 10uF 10% 35V          |
| C136                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C137                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C138                                 | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C140                                 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C141                                 | 1-163-231-11 | s CERAMIC, CHIP 15pF 5% 50V      |
| C142                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C143                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C144                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C145                                 | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C146                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C147                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C148                                 | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C200                                 | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| *C201                                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| *C202                                | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
|                                      | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V  |

\*24  
\*24  
\*25

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                   |
|---------------------|--------------|----------------------------------|
| *C203               | 1-163-243-11 | s CERAMIC, CHIP 47pF 5% 50V      |
|                     | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V      |
| C204                | 1-163-237-11 | s CERAMIC, CHIP 27pF 5% 50V      |
| C205                | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V     |
| C206                | 1-163-253-11 | s CERAMIC, CHIP 120pF 5% 50V     |
| C207                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C208                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C209                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C210                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C211                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C217                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C218                | 1-163-133-00 | s CERAMIC, CHIP 470pF 5% 50V     |
| C219                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C220                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V     |
| C221                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C222                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C223                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C224                | 1-126-925-11 | s ELECT 470uF 20% 10V            |
| C225-234            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C238                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C239                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C240                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C241-251            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C252                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C253-258            | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C259                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C260                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C261                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C262                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C263                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C264                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C265                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| *C266               | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V      |
| C267                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V     |
| C268                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V     |
| C269                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V     |
| C270                | 1-164-161-11 | s CERAMIC, CHIP 0.022uF 10% 100V |
| C271                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C301                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C302                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C303                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C304                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C305                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C306                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C307                | 1-163-249-11 | s CERAMIC, CHIP 82pF 5% 50V      |
| C308                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C309                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C310                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C311                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V      |
| C312                | 1-131-353-00 | s TANTALUM 10uF 10% 35V          |
| C313                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V    |
| C314                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C316                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V     |
| C317                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C318                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C319                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V      |
| C320                | 1-126-933-11 | s ELECT 100uF 20% 16V            |
| C321                | 1-126-933-11 | s ELECT 100uF 20% 16V            |

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No. | SP Description                               |
|---------------------|----------|----------------------------------------------|
| *24                 | C322     | 1-126-933-11 s ELECT 100uF 20% 16V           |
| *25                 | C323     | 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V     |
|                     | C324     | 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V    |
|                     | C325     | 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V    |
|                     | C326     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C327     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C328     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C329     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C330     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C331     | 1-163-017-00 s CERAMIC, CHIP 0.0047uF 5% 50V |
|                     | C332     | 1-163-017-00 s CERAMIC, CHIP 0.0047uF 5% 50V |
|                     | C333     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C334     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C335     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C336     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C337     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C338     | 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V    |
|                     | C339     | 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V    |
|                     | C340     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C341     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C342     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C343     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C344     | 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V    |
|                     | C345     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C346     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C347     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C348     | 1-163-235-11 s CERAMIC, CHIP 22pF 5% 50V     |
|                     | C349     | 1-163-239-11 s CERAMIC, CHIP 33pF 5% 50V     |
|                     | C350     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C351     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C352     | 1-163-133-00 s CERAMIC, CHIP 470pF 5% 50V    |
|                     | C353     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C354     | 1-163-121-00 s CERAMIC, CHIP 150pF 5% 50V    |
|                     | C355     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C356     | 1-163-089-00 s CERAMIC, CHIP 6pF 50V         |
|                     | C357     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C358     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C359     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C360     | 1-164-004-11 s CERAMIC, CHIP 0.1uF 10% 25V   |
|                     | C361     | 1-163-241-11 s CERAMIC, CHIP 39pF 5% 50V     |
|                     | C362     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C363     | 1-163-231-11 s CERAMIC, CHIP 15pF 5% 50V     |
|                     | C364     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C365     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C366     | 1-163-263-11 s CERAMIC, CHIP 330pF 5% 50V    |
|                     | C367     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C368     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C369     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C370     | 1-163-017-00 s CERAMIC, CHIP 0.0047uF 5% 50V |
|                     | C371     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C372     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C373     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C374     | 1-163-033-91 s CERAMIC, CHIP 0.022uF 50V     |
|                     | C375     | 1-163-220-11 s CERAMIC, CHIP 3pF 50V         |
|                     | C376     | 1-163-227-11 s CERAMIC, CHIP 10pF 5% 50V     |
|                     | C377     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C378     | 1-126-933-11 s ELECT 100uF 20% 16V           |
|                     | C379     | 1-163-131-00 s CERAMIC, CHIP 390pF 5% 50V    |
|                     | C380     | 1-163-251-11 s CERAMIC, CHIP 100pF 5% 50V    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                    |
|---------------------|--------------|-----------------------------------|
| C381                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C382                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C383                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V     |
| C384                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C385                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V      |
| C386                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C387                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C388                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C389                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C390                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C391                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C392                | 1-163-089-00 | s CERAMIC, CHIP 6pF 50V           |
| C393                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V       |
| C394                | 1-163-241-11 | s CERAMIC, CHIP 33pF 5% 50V       |
| C395                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C396                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C397                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V      |
| C398                | 1-164-232-11 | s CERAMIC, CHIP 0.01uF 10% 100V   |
| C399                | 1-163-251-11 | s CERAMIC, CHIP 330pF 5% 50V      |
| C501                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C502                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C503                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C504                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C505                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C506                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C507                | 1-163-257-11 | s CERAMIC, CHIP 180pF 5% 50V      |
| C508                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C509                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C510                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C511                | 1-104-923-11 | s MICA, CHIP 180pF 0.25% 50V      |
| C513                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| C514                | 1-163-235-11 | s CERAMIC, CHIP 22pF 5% 50V       |
| C515                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |
| C516                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V       |
| C517                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C518                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C519                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C520                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C521                | 1-131-353-00 | s TANTALUM 10uF 10% 35V           |
| C522                | 1-163-102-00 | s CERAMIC, CHIP 24pF 5% 50V       |
| C523                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C524                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C525                | 1-164-004-11 | s CERAMIC, CHIP 0.1uF 10% 25V     |
| C526                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C527                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C528                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C529                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C530                | 1-163-275-11 | s CERAMIC, CHIP 0.001uF 5% 50V    |
| C531                | 1-164-161-11 | s CERAMIC, CHIP 0.0022uF 10% 100V |
| C603                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C604                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C605                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C606                | 1-163-099-00 | s CERAMIC, CHIP 18pF 5% 50V       |
| C607                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V      |
| C608                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C609                | 1-126-933-11 | s ELECT 100uF 20% 16V             |
| C610                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V       |
| C611                | 1-104-923-11 | s MICA, CHIP 180pF 0.25% 50V      |
| C613                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V           |

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description               |
|---------------------|--------------|------------------------------|
| C614                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V  |
| C615                | 1-163-091-00 | s CERAMIC, CHIP 8pF 50V      |
| C616                | 1-163-227-11 | s CERAMIC, CHIP 10pF 5% 50V  |
| C617                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C618                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C619                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C620                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C621                | 1-131-353-00 | s TANTALUM 10uF 10% 35V      |
| C622                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C623                | 1-163-139-00 | s CERAMIC, CHIP 820pF 5% 50V |
| C624                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C625                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C626                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C627                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C628                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C631                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C632                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C701                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C702                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C703                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C704                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C705                | 1-131-347-00 | s TANTALUM 1uF 10% 35V       |
| C706                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C708                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C709                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C710                | 1-163-125-00 | s CERAMIC, CHIP 220pF 5% 50V |
| C711                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C712                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C713                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C714                | 1-163-251-11 | s CERAMIC, CHIP 100pF 5% 50V |
| C803                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C809                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C901                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C902                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C903                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C904                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C905                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C906                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C907                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C908                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C909                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C910                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C911                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C912                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C913                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C914                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C915                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C916                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| C917                | 1-126-933-11 | s ELECT 100uF 20% 16V        |
| C918                | 1-163-033-91 | s CERAMIC, CHIP 0.022uF 50V  |
| CN101               | 1-573-782-21 | o CONNECTOR, PHC 60P, MALE   |
| CN102               | 1-573-782-21 | o CONNECTOR, PHC 60P, MALE   |
| CV301               | 1-141-442-91 | s CAP, TRIMMER 20pF          |
| D101                | 8-719-941-23 | s DIODE DA204U               |
| D102                | 8-719-941-23 | s DIODE DA204U               |
| D109                | 8-719-123-82 | s DIODE 1SS303-T1            |
| D202                | 8-719-123-82 | s DIODE 1SS303-T1            |
| D301                | 8-719-041-39 | s DIODE KV1470               |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

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## (VRA-5AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| D302                | 8-719-941-23 | s DIODE DA204U          |
| D303                | 8-719-821-39 | s DIODE 1SV160          |
| *D305               | 8-713-300-88 | s DIODE 1T33C-01        |
|                     | 8-719-002-81 | s DIODE 1T363A-M20-78A  |
| D306                | 8-719-941-23 | s DIODE DA204U          |
| *D307               | 8-719-941-23 | s DIODE DA204U          |
| D701                | 8-719-105-38 | s DIODE RD3.0M-B1       |
| FR201               | 1-543-309-21 | s BEAD, FERRITE         |
| FL101               | 1-239-769-11 | s FILTER, LOW-PASS 5MHz |
| FL102               | 1-239-313-11 | s FILTER, LOW-PASS 2MHz |
| FL103               | 1-239-313-11 | s FILTER, LOW-PASS 2MHz |
| FL201               | 1-239-769-11 | s FILTER, LOW-PASS 5MHz |
| FL202               | 1-239-801-11 | s FILTER, LOW-PASS 4MHz |
| IC101               | 8-759-300-71 | s IC HD14053BFP         |
| IC102               | 8-759-300-71 | s IC HD14053BFP         |
| IC103               | 8-759-908-92 | s IC TL084CNS           |
| IC104               | 8-759-925-76 | s IC SN74HC08ANS        |
| IC201               | 8-759-925-90 | s IC SN74HC74ANS        |
| IC202               | 8-759-300-71 | s IC HD14053BFP         |
| IC203               | 8-759-927-46 | s IC SN74HC00ANS        |
| IC205               | 8-759-085-99 | s IC MB40568FP-G-BND    |
| IC206               | 8-759-085-99 | s IC MB40568FP-G-BND    |
| IC207               | 8-759-035-93 | s IC TC7S32F-TE8SL      |
| *IC208              | 8-759-113-97 | s IC UPD42505C-50       |
|                     | 8-759-277-19 | s IC UPD485505C-35      |
| *IC209              | 8-759-113-97 | s IC UPD42505C-50       |
|                     | 8-759-277-19 | s IC UPD485505C-35      |
| IC210               | 8-759-513-76 | s IC CXD8161AQ          |
| IC211               | 8-759-031-84 | s IC TC7504F            |
| IC212               | 8-752-329-28 | s IC CXD1151Q           |
| IC213               | 8-752-363-43 | s IC CXD1171M-1-TH      |
| IC214               | 8-752-363-43 | s IC CXD1171M-1-TH      |
| IC215               | 8-759-300-71 | s IC HD14053BFP         |
| IC216               | 8-759-907-81 | s IC SN74LS221NS        |
| IC218               | 8-759-925-85 | s IC SN74HC32ANS        |
| IC220               | 8-759-300-71 | s IC HD14053BFP         |
| IC301               | 8-759-008-67 | s IC MC14066BF          |
| IC302               | 8-752-339-04 | s IC CXD2208Q           |
| IC303               | 8-759-908-92 | s IC TL084CNS           |
| IC304               | 8-759-906-53 | s IC TL062CPS           |
| IC305               | 8-759-031-84 | s IC TC7504F            |
| IC306               | 8-759-908-92 | s IC TL084CNS           |
| IC307               | 8-759-031-84 | s IC TC7504F            |
| IC308               | 8-759-906-53 | s IC TL062CPS           |
| IC309               | 8-759-300-71 | s IC HD14053BFP         |
| IC310               | 8-759-520-55 | s IC CXD8243AM          |
| IC311               | 8-759-008-67 | s IC MC14066BF          |
| IC312               | 8-759-907-81 | s IC SN74LS221NS        |
| IC313               | 8-759-239-58 | s IC TC74HC221AF        |
| IC314               | 8-759-009-06 | s IC MC14052BF          |
| IC315               | 8-759-908-15 | s IC TL431CLP           |
| IC316               | 8-759-908-15 | s IC TL431CLP           |
| IC317               | 8-759-031-84 | s IC TC7504F            |
| IC501               | 1-810-334-11 | s HIC BP-023            |
| IC502               | 8-759-908-15 | s IC TL431CLP           |
| IC601               | 1-810-334-11 | s HIC BP-023            |
| IC602               | 8-759-908-15 | s IC TL431CLP           |

## (VRA-5AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description            |
|---------------------|--------------|---------------------------|
| IC701               | 8-759-300-71 | s IC HD14053BFP           |
| IC702               | 8-752-052-82 | s IC CCA1432M             |
| IC703               | 8-759-242-64 | s IC TC4W53F              |
| IC704               | 8-759-239-58 | s IC TC74HC221AF          |
| IC705               | 8-759-925-90 | s IC SN74HC74ANS          |
| IC706               | 8-759-926-24 | s IC SN74HC164ANS         |
| IC707               | 8-759-242-64 | s IC TC4W53F              |
| IC901               | 8-759-182-84 | s IC PQ05S25U             |
| IC902               | 8-759-822-95 | s IC L79M05T-FA           |
| IC903               | 8-759-182-84 | s IC PQ05S25U             |
| IC904               | 8-759-172-41 | s IC L78M09T-TL           |
| L101-105            | 1-410-482-31 | s INDUCTOR 100uH          |
| L107                | 1-410-482-31 | s INDUCTOR 100uH          |
| L201                | 1-408-413-00 | s INDUCTOR 22uH           |
| *L202               | 1-408-413-00 | s INDUCTOR 1.8uH          |
|                     | 1-410-473-11 | s INDUCTOR 18uH           |
| L203                | 1-408-418-00 | s INDUCTOR 56uH           |
| L204                | 1-408-413-00 | s INDUCTOR 22uH           |
| L205                | 1-410-462-11 | s INDUCTOR 2.2uH          |
| L206                | 1-408-400-00 | s INDUCTOR 1.8uH          |
| L207                | 1-410-482-31 | s INDUCTOR 100uH          |
| L208                | 1-410-482-31 | s INDUCTOR 100uH          |
| L301                | 1-410-482-31 | s INDUCTOR 100uH          |
| L302                | 1-410-464-11 | s INDUCTOR 3.3uH          |
| L303                | 1-410-476-11 | s INDUCTOR 33uH           |
| L304                | 1-410-476-11 | s INDUCTOR 33uH           |
| *L305               | 1-408-406-00 | s INDUCTOR 5.6uH          |
| *L306-314           | 1-410-482-31 | s INDUCTOR 100uH          |
| L315                | 1-410-470-11 | s INDUCTOR 10uH           |
| L316                | 1-408-411-00 | s INDUCTOR 15uH           |
| L317                | 1-410-476-11 | s INDUCTOR 33uH           |
| L501                | 1-410-482-31 | s INDUCTOR 100uH          |
| L502                | 1-410-482-31 | s INDUCTOR 100uH          |
| L503                | 1-408-419-00 | s INDUCTOR 68uH           |
| L505                | 1-410-468-11 | s INDUCTOR 6.8uH          |
| L506                | 1-410-482-31 | s INDUCTOR 100uH          |
| L507                | 1-410-478-11 | s INDUCTOR 47uH           |
| L603                | 1-408-420-00 | s INDUCTOR 82uH           |
| L605                | 1-410-464-11 | s INDUCTOR 3.3uH          |
| L606                | 1-410-482-31 | s INDUCTOR 100uH          |
| L607                | 1-408-425-00 | s INDUCTOR 220uH          |
| L608                | 1-410-482-31 | s INDUCTOR 100uH          |
| L901-905            | 1-412-533-21 | s INDUCTOR 47uH           |
| LV301               | 1-406-746-11 | s INDUCTOR, VAR 22uH      |
| Q101                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q102                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q103                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q104                | 8-729-904-41 | s TRANSISTOR PNY3         |
| Q105                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q106                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q107                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q108                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q109                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q110                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q111                | 8-729-117-32 | s TRANSISTOR 2SC4177      |
| Q112                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |
| Q113                | 8-729-140-63 | s TRANSISTOR 2SA1611-MSM6 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description          |
|---------------------|----------------|-------------------------|
| Q114                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q115                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q116                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q117-122            | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q123                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q124                | 8-729-422-44 s | TRANSISTOR 2SK663       |
| Q125                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q126                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q127                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q128                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q129                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q130                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q131                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q132                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q133                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q301                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q302                | 8-729-905-12 s | TRANSISTOR D7C144EU     |
| Q303                | 8-729-905-18 s | TRANSISTOR D7C144EU     |
| Q304                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q307                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q309                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q310                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q311                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q312                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q313                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q314                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q315                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q316                | 8-729-905-18 s | TRANSISTOR D7C144EU     |
| Q317                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q318                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q319                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q320                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q321                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q322                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| Q323                | 8-729-143-07 s | TRANSISTOR 2SA1610-YY33 |
| *Q324               | 8-729-201-27 s | TRANSISTOR 2SC2715-Y    |
|                     | 8-729-120-28 s | TRANSISTOR 2SC1623-LSL6 |
| Q325                | 8-729-140-47 s | TRANSISTOR 2SC3735-B34  |
| Q508-512            | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q513                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q514                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q515                | 8-729-117-32 s | TRANSISTOR 2SC4177      |
| Q516                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q517                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q518                | 8-729-140-63 s | TRANSISTOR 2SA1611-M5M6 |
| Q519                | 8-729-117-72 s | TRANSISTOR 2SC4178      |
| Q520                | 8-729-117-72 s | TRANSISTOR 2SC4178      |

## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| Q601                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q602                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q603                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q604-610            | 8-729-117-72 s | TRANSISTOR 2SC4178          |
| Q701                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q702                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q703                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q704                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q705                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q706                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q707                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q708                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q709                | 8-729-907-26 s | TRANSISTOR IMX1             |
| Q710                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q711                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q712                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q713                | 8-729-902-96 s | TRANSISTOR FM51             |
| Q714                | 8-729-903-10 s | TRANSISTOR FMW1             |
| Q715                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q716                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| Q717                | 8-729-117-32 s | TRANSISTOR 2SC4177          |
| R100                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R101                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R102                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R103                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R104                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R105                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R106                | 1-216-013-00 s | METAL, CHIP 33 5% 1/10W     |
| R107                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R108                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R109                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R110                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R111                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R112                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R113                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R114                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R115                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R116                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R117                | 1-216-639-11 s | METAL, CHIP 330 5% 1/10W    |
| R118                | 1-216-639-11 s | METAL, CHIP 230 0.5% 1/10W  |
| R119                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R120                | 1-216-641-11 s | METAL, CHIP 390 0.5% 1/10W  |
| R121                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R122                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R123                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R124                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R125                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R126                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R127                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R128                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R129                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R130                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R131                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R132                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R133                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W    |
| R134                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R135                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W |
| R136                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R137                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R138                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R139                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R140                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R141                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R142                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R143                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R144                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R145                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R146                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R147                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R148                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R149                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R150                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R151                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R152                | 1-216-121-91 | s METAL, CHIP 1M 5% 1/10W     |
| R153                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R154                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R155                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R156                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R157                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |
| R158                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R159                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R160                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R161                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R162                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R163                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R164                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R165                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R166                | 1-208-814-11 | s METAL, CHIP 22k 0.5% 1/10W  |
| R167                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R168                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R169                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R170                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R171                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R172                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R173                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R174                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R175                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R176                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R177                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R178                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W  |
| R180                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R181                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R182                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R184                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R185                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R186                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| *R188               | 1-216-617-11 | s METAL, CHIP 39 0.50% 1/10W  |
|                     | 1-216-618-11 | s METAL, CHIP 43 0.50% 1/10W  |
| R189                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R190                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W  |
| R193                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |
| R200                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R201                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R202                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R203                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R204                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |

## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |     |
|---------------------|--------------|-------------------------------|-----|
| *R205               | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  | *24 |
|                     | 1-216-631-11 | s METAL, CHIP 150 0.5% 1/10W  | *25 |
| R206                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |     |
| *R207               | 1-216-643-11 | s METAL, CHIP 470 0.5% 1/10W  | *24 |
|                     | 1-216-631-11 | s METAL, CHIP 150 0.5% 1/10W  | *25 |
| R208                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |     |
| R209                | 1-216-619-11 | s METAL, CHIP 47 0.5% 1/10W   |     |
| R210                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |     |
| R211                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W     |     |
| R212                | 1-216-009-00 | s METAL, CHIP 22 5% 1/10W     |     |
| R216                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W     |     |
| R217                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |     |
| R220                | 1-216-754-11 | s METAL, CHIP 330k 0.5% 1/10W |     |
| R223                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |     |
| R225                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |     |
| R226                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |     |
| R227                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R228                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |     |
| R229                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |     |
| R230                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |     |
| R231                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |     |
| R232                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |     |
| R233                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W  |     |
| R234                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| *R235               | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   | *32 |
| R236                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R238                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R239                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R240                | 1-216-296-91 | s RES, CHIP 0                 |     |
| R241                | 1-216-089-91 | s METAL, CHIP 47k 5% 1/10W    |     |
| R242                | 1-216-696-11 | s METAL, CHIP 75k 0.5% 1/10W  |     |
| R243                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |     |
| R244                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W    |     |
| R245                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R246                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |     |
| R247                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |     |
| R248                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |     |
| R249                | 1-216-081-00 | s METAL, CHIP 22k 5% 1/10W    |     |
| R250                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R251                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |     |
| R252                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R253                | 1-216-097-91 | s METAL, CHIP 100k 5% 1/10W   |     |
| R254                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |     |
| R255                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |     |
| R256                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R257                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R258                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R259                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| *R260               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *1  |
| *R261               | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    | *2  |
| R263-268            | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R270-279            | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R280                | 1-216-695-11 | s METAL, CHIP 68k 0.5% 1/10W  |     |
| R301                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |     |
| R302                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |     |
| R303                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |     |
| R304                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |     |
| R305                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |     |
| R306                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |     |

Note: In this list \* marked parts are design changed.

Refer to pages 18-23 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description              |
|---------------------|----------------|-----------------------------|
| R307                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R308                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R309                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R310                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R311                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R312                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R313                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R314                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R315                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R316                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R317                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R318                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R319                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R320                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R321                | 1-216-097-91 s | METAL, CHIP 100k 5% 1/10W   |
| R322                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R323                | 1-216-646-11 s | METAL, CHIP 620 0.5% 1/10W  |
| R324                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R325                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R326                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W    |
| R327                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R328                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R329                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R330                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R331                | 1-208-774-11 s | METAL, CHIP 470 5% 1/10W    |
| R332                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R333                | 1-216-117-00 s | METAL, CHIP 680k 0.5% 1/10W |
| R334                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R335                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R336                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W |
| R337                | 1-218-764-11 s | METAL, CHIP 330k 0.5% 1/10W |
| R338                | 1-216-089-91 s | METAL, CHIP 47k 5% 1/10W    |
| R339                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R340                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R341                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R342                | 1-216-695-11 s | METAL, CHIP 68k 0.5% 1/10W  |
| R343                | 1-216-057-00 s | METAL, CHIP 2.2k 5% 1/10W   |
| R344                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R345                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R346                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R347                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R348                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R349                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R350                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W    |
| R351                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W    |
| R352                | 1-208-801-11 s | METAL, CHIP 6.2k 0.5% 1/10W |
| R353                | 1-216-634-11 s | METAL, CHIP 200 0.5% 1/10W  |
| R354                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W |
| R355                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W    |
| R356                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W   |
| R357                | 1-216-121-91 s | METAL, CHIP 1M 5% 1/10W     |
| R358                | 1-216-117-00 s | METAL, CHIP 680k 5% 1/10W   |
| R359                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W  |
| R360                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W |
| R361                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W     |
| R362                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |
| R363                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R364                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W  |
| R365                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W   |

## (VRA-5AP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                |
|---------------------|----------------|-------------------------------|
| R367                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R368                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R369                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |
| R370                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R371                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W    |
| R372                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W    |
| R373                | 1-216-295-91 s | RES, CHIP 0                   |
| R374                | 1-216-295-91 s | RES, CHIP 0                   |
| *R375               | 1-216-681-11 s | METAL, CHIP 18k 0.5% 1/10W    |
|                     | 1-208-814-11 s | METAL, CHIP 22k 0.5% 1/10W    |
| R376                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R377                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W   |
| R378                | 1-208-810-11 s | METAL, CHIP 15k 0.5% 1/10W    |
| R379                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R380                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W   |
| R381                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R382                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W   |
| R383                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W   |
| R384                | 1-216-673-11 s | METAL, CHIP 8.2k 0.5% 1/10W   |
| R385                | 1-216-025-91 s | METAL, CHIP 100 5% 1/10W      |
| R386                | 1-216-677-11 s | METAL, CHIP 12k 0.5% 1/10W    |
| R387                | 1-216-657-11 s | METAL, CHIP 1.8k 0.5% 1/10W   |
| R388                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R389                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R390                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W   |
| R391                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W   |
| R392                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R393                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |
| R394                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R395                | 1-216-049-91 s | METAL, CHIP 1k 5% 1/10W       |
| R396                | 1-216-295-91 s | RES, CHIP 0                   |
| R397                | 1-216-295-91 s | RES, CHIP 0                   |
| R399                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R400                | 1-208-789-11 s | METAL, CHIP 2k 0.5% 1/10W     |
| R401                | 1-208-784-11 s | METAL, CHIP 1.2k 0.5% 1/10W   |
| R402                | 1-216-648-11 s | METAL, CHIP 750 0.5% 1/10W    |
| R403                | 1-216-037-00 s | METAL, CHIP 330 5% 1/10W      |
| R404                | 1-216-671-11 s | METAL, CHIP 6.8k 0.5% 1/10W   |
| R405                | 1-208-817-11 s | METAL, CHIP 30k 0.5% 1/10W    |
| R406                | 1-216-041-00 s | METAL, CHIP 470 5% 1/10W      |
| R407                | 1-216-133-00 s | METAL, CHIP 3.3M 5% 1/10W     |
| *R413               | 1-216-295-91 s | RES, CHIP 0                   |
| R501                | 1-216-085-00 s | METAL, CHIP 33k 5% 1/10W      |
| R502                | 1-216-073-00 s | METAL, CHIP 10k 5% 1/10W      |
| R503                | 1-216-667-11 s | METAL, CHIP 4.7k 0.5% 1/10W   |
| R504                | 1-216-663-11 s | METAL, CHIP 3.3k 0.5% 1/10W   |
| R505                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R506                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R507                | 1-216-651-11 s | METAL, CHIP 1k 0.5% 1/10W     |
| R508                | 1-216-065-00 s | METAL, CHIP 4.7k 5% 1/10W     |
| R509                | 1-216-639-11 s | METAL, CHIP 330 0.5% 1/10W    |
| R510                | 1-216-661-11 s | METAL, CHIP 2.7k 0.5% 1/10W   |
| R511                | 1-216-295-91 s | RES, CHIP 0                   |
| R512                | 1-218-184-11 s | METAL, CHIP 997 0.1% 1/16W    |
| R513                | 1-208-806-11 s | METAL, CHIP 10k 0.5% 1/10W    |
| R514                | 1-216-635-11 s | METAL, CHIP 220 0.5% 1/10W    |
| R515                | 1-216-699-11 s | METAL, CHIP 100k 0.5% 1/10W   |
| R516                | 1-218-922-11 s | METAL, CHIP 3.26k 0.10% 1/16W |
| R517                | 1-216-607-11 s | METAL, CHIP 15 0.50k 1/10W    |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

## (VRA-5AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                |
|---------------------|--------------|-------------------------------|
| R518                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R519                | 1-216-657-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R520                | 1-216-625-91 | s METAL, CHIP 100 5% 1/10W    |
| R521                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R522                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R523                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R524                | 1-216-295-91 | s RES, CHIP 0                 |
| R525                | 1-216-639-11 | s METAL, CHIP 330 0.5% 1/10W  |
| R526                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W  |
| R527                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R528                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W  |
| R529                | 1-216-295-91 | s RES, CHIP 0                 |
| R530                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W  |
| R531                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R532                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W |
| R533                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W    |
| R534                | 1-216-625-91 | s METAL, CHIP 100 5% 1/10W    |
| R535                | 1-216-625-91 | s METAL, CHIP 100 5% 1/10W    |
| R536                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W   |
| R537                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W |
| R538                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W |
| R539                | 1-216-625-91 | s METAL, CHIP 100 5% 1/10W    |
| R540                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R541                | 1-216-659-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R542                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R543                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R544                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R545                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R546                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W    |
| R547                | 1-208-810-11 | s METAL, CHIP 15k 0.5% 1/10W  |
| R548                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| *R549               | 1-216-658-11 | s METAL, CHIP 2k 0.5% 1/10W   |
|                     | 1-216-660-11 | s METAL, CHIP 2.4k 0.5% 1/10W |
| R550                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W     |
| R551                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W     |
| R552                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R553                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W |
| R554                | 1-208-814-11 | s METAL, CHIP 2.2k 0.5% 1/10W |
| R555                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| *R556               | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
|                     | 1-216-666-11 | s METAL, CHIP 4.3k 0.5% 1/10W |
| R557                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W  |
| R558                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R559                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R560                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R561                | 1-216-665-11 | s METAL, CHIP 3.9k 0.5% 1/10W |
| R562                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W     |
| R563                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W    |
| R564                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R565                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W  |
| R601                | 1-216-085-00 | s METAL, CHIP 33k 5% 1/10W    |
| R602                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W    |
| R603                | 1-216-667-11 | s METAL, CHIP 100 5% 1/10W    |
| R604                | 1-216-051-00 | s METAL, CHIP 1.2k 5% 1/10W   |
| R605                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W |
| R606                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |
| R607                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R608                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W   |
| R609                | 1-216-065-00 | s METAL, CHIP 4.7k 5% 1/10W   |

## (VRA-5AP BOARD(for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                  |
|---------------------|--------------|---------------------------------|
| R610                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W    |
| R611                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W     |
| R612                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W     |
| R613                | 1-218-184-11 | s METAL, CHIP 997 0.1% 1/16W    |
| R614                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W    |
| R615                | 1-216-635-11 | s METAL, CHIP 220 0.5% 1/10W    |
| R617                | 1-218-922-11 | s METAL, CHIP 3.26k 0.10% 1/16W |
| R618                | 1-216-295-91 | s RES, CHIP 0                   |
| R619                | 1-216-661-11 | s METAL, CHIP 2.7k 0.5% 1/10W   |
| R620                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R621                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| R622                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R623                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W   |
| R624                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W    |
| R625                | 1-216-295-91 | s RES, CHIP 0                   |
| R626                | 1-216-641-11 | s METAL, CHIP 390 0.5% 1/10W    |
| R627                | 1-208-812-11 | s METAL, CHIP 18k 0.5% 1/10W    |
| R628                | 1-216-677-11 | s METAL, CHIP 12k 0.5% 1/10W    |
| R629                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W     |
| R630                | 1-216-295-91 | s RES, CHIP 0                   |
| R631                | 1-216-687-11 | s METAL, CHIP 33k 0.5% 1/10W    |
| R632                | 1-216-648-11 | s METAL, CHIP 750 0.5% 1/10W    |
| R633                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R634                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R635                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R636                | 1-216-073-00 | s METAL, CHIP 10k 5% 1/10W      |
| R637                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R638                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| R639                | 1-208-775-11 | s METAL, CHIP 510 0.5% 1/10W    |
| R640                | 1-216-646-11 | s METAL, CHIP 620 0.5% 1/10W    |
| R641                | 1-208-775-11 | s METAL, CHIP 510 0.5% 1/10W    |
| R642                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W     |
| R643                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| R644                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W      |
| R645                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R646                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W     |
| R647                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R648                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R649                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R650                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R651                | 1-216-037-00 | s METAL, CHIP 330 5% 1/10W      |
| R652                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W       |
| R653                | 1-216-013-00 | s METAL, CHIP 33 5% 1/10W       |
| R654                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W   |
| R655                | 1-216-663-11 | s METAL, CHIP 3.3k 0.5% 1/10W   |
| R656                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R657                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W    |
| R658                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W    |
| R701                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R702                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R703                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/16W  |
| R704                | 1-208-627-11 | s METAL, CHIP 4.41k 0.1% 1/16W  |
| R705                | 1-208-630-11 | s METAL, CHIP 11.49 0.1% 1/16W  |
| R706                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R708                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W      |
| R709                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W       |
| R710                | 1-216-657-11 | s METAL, CHIP 1.8k 0.5% 1/10W   |
| R711                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/16W  |
| R712                | 1-208-630-11 | s METAL, CHIP 11.49 0.1% 1/16W  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description                 |
|---------------------|--------------|--------------------------------|
| R713                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R714                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W    |
| R715                | 1-218-477-11 | s METAL, CHIP 220 5% 1/4W      |
| R716                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W   |
| R717                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W     |
| R718                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W     |
| R719                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W     |
| R720                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R721                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R722                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R723                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R724                | 1-208-623-11 | s METAL, CHIP 1.43k 0.1% 1/16W |
| R725                | 1-208-625-11 | s METAL, CHIP 2.25k 0.1% 1/16W |
| R726                | 1-208-627-11 | s METAL, CHIP 4.41k 0.1% 1/16W |
| R727                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R728                | 1-216-055-00 | s METAL, CHIP 1.8k 5% 1/10W    |
| R729                | 1-218-477-11 | s METAL, CHIP 220 5% 1/4W      |
| R730                | 1-216-645-11 | s METAL, CHIP 560 0.5% 1/10W   |
| R731                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W     |
| R732                | 1-208-774-11 | s METAL, CHIP 470 5% 1/10W     |
| R733                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W     |
| R734                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R735                | 1-216-049-91 | s METAL, CHIP 1k 5% 1/10W      |
| R736                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W    |
| R737                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W    |
| R738                | 1-216-622-11 | s METAL, CHIP 62 0.5% 1/10W    |
| R739                | 1-216-625-11 | s METAL, CHIP 82 0.5% 1/10W    |
| R740                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R741                | 1-216-025-91 | s METAL, CHIP 100 5% 1/10W     |
| R742                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W     |
| R743                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R744                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W     |
| R745                | 1-216-041-00 | s METAL, CHIP 470 5% 1/10W     |
| R746                | 1-216-667-11 | s METAL, CHIP 4.7k 0.5% 1/10W  |
| R747                | 1-216-627-11 | s METAL, CHIP 100 0.5% 1/10W   |
| R748                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R749                | 1-216-655-11 | s METAL, CHIP 1.5k 0.5% 1/10W  |
| R750                | 1-216-045-00 | s METAL, CHIP 680 5% 1/10W     |
| R751                | 1-216-651-11 | s METAL, CHIP 1k 0.5% 1/10W    |
| R752                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R753                | 1-216-057-00 | s METAL, CHIP 2.2k 5% 1/10W    |
| R754                | 1-216-646-11 | s METAL, CHIP 750 0.5% 1/10W   |
| R755                | 1-208-806-11 | s METAL, CHIP 10k 0.5% 1/10W   |
| R756                | 1-216-671-11 | s METAL, CHIP 6.8k 0.5% 1/10W  |
| RV101               | 1-241-760-11 | s RES, ADJ METAL 470           |
| RV102               | 1-241-760-11 | s RES, ADJ METAL 470           |
| RV103               | 1-241-762-11 | s RES, ADJ METAL 2.2k          |
| RV104               | 1-241-760-11 | s RES, ADJ METAL 470           |
| RV105               | 1-241-759-21 | s RES, ADJ METAL 220           |
| RV201               | 1-241-784-11 | s RES, ADJ METAL 4.7k          |
| RV202               | 1-241-785-11 | s RES, ADJ METAL 10k           |
| RV203               | 1-241-785-11 | s RES, ADJ METAL 10k           |
| RV301               | 1-241-762-11 | s RES, ADJ METAL 2.2k          |
| RV302               | 1-241-785-11 | s RES, ADJ METAL 10k           |
| RV303               | 1-241-784-11 | s RES, ADJ METAL 4.7k          |
| RV304               | 1-241-784-11 | s RES, ADJ METAL 4.7k          |
| RV305               | 1-241-784-11 | s RES, ADJ METAL 4.7k          |
| RV306               | 1-241-762-11 | s RES, ADJ METAL 2.2k          |
| RV501               | 1-241-761-11 | s RES, ADJ METAL 1k            |

## (VRA-SAP BOARD (for UVW-1400P, PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description        |
|---------------------|--------------|-----------------------|
| RV502               | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV503               | 1-241-762-11 | s RES, ADJ METAL 2.2k |
| RV602               | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV603               | 1-241-763-11 | s RES, ADJ METAL 4.7k |
| RV701               | 1-241-760-11 | s RES, ADJ METAL 470  |
| RV702               | 1-241-761-11 | s RES, ADJ METAL 1k   |
| RV703               | 1-241-761-11 | s RES, ADJ METAL 1k   |
| S201                | 1-571-275-31 | SWITCH, SLIDE         |
| *S202               | 1-553-977-00 | SWITCH, SLIDE         |
| X301                | 1-579-057-11 | CRYSTAL 17.734475MHz  |
| X302                | 1-760-183-21 | CRYSTAL 10.664135MHz  |

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Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## AC BOARD/SOPS-1045(for NTSC)

Ref. No.  
or Q'ty Part No. SP Description1pc  $\Delta$  1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the AC board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of component parts on the board should be critical to safe operation.

1pc 1-649-934-11 o PRINTED CIRCUIT BOARD, AC  
 1pc 1-533-217-31 s HOLDER, FUSE  
 1pc 1-580-375-11 s INLET 3P  
 3pcs 4-382-854-01 s SCREW, PSW M3x8  
 1pc 7-682-961-01 s SCREW, +PSW4x8

C151 1-161-740-00 s CERAMIC 470pF 10% 400V  
 C152 1-161-740-00 s CERAMIC 470pF 10% 400V  
 C153 1-161-740-00 s CERAMIC 470pF 10% 400V  
 C154 1-161-740-00 s CERAMIC 470pF 10% 400V  
 C155 1-136-472-11 s FILM 0.1uF 20% 250V

C155 1-136-212-12 s FILM 0.1uF 20% 250V  
 C156 1-136-472-11 s FILM 0.1uF 20% 250V  
 C156 1-136-212-12 s FILM 0.1uF 20% 250V

CN151 1-564-215-11 o PIN, CONNECTOR 4P

F151 1-532-746-11 s FUSE 4A 125V

L151 1-424-353-11 s FILTER, LINE  
 L152 1-424-255-11 s COIL, CHOKE 10uH  
 L153 1-424-255-11 s COIL, CHOKE 10uH  
 L203 1-406-953-11 s COIL, CHOKE 30uH

R155 1-202-849-00 s COMP 820k 10% 1/2W

VZ151 1-809-337-41 s VARISTOR ENCA71D-07AW

## AC BOARD/SOPS-1046(for PAL)

Ref. No.  
or Q'ty Part No. SP Description1pc  $\Delta$  1-413-925-12 s REGULATOR, SWITCHING (SOPS-1046)

All of component parts on the AC board are supplied together when you order switching regulator, SOPS-1046. Therefore, all of components parts on the board should be critical to safe operation.

1pc 1-533-217-31 s HOLDER, FUSE  
 1pc 1-580-375-11 s INLET 3P  
 3pcs 4-382-854-01 s SCREW, PSW M3x8  
 1pc 7-682-961-01 s SCREW, +PSW4x8

C151 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
 C152 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
 C153 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
 C154 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
 C155 1-136-472-11 s FILM 0.1uF 20% 250V

C155 1-136-212-12 s FILM 0.1uF 20% 250V  
 C156 1-136-472-11 s FILM 0.1uF 20% 250V  
 C156 1-136-212-12 s FILM 0.1uF 20% 250V

CN151 1-564-215-11 o CONNECTOR 4P, MALE

F151 1-576-228-11 s FUSE 2A 250V

L151 1-424-353-11 s FILTER, LINE  
 L153 1-424-614-11 s COIL, CHOKE  
 L154 1-421-622-11 s TRANSFORMER, LINE FILTER

R155 1-202-849-00 s COMP 820k 10% 1/2W

VZ151 1-809-337-41 s VARISTOR ENCA71D-07AW

Note: In this list \* marked parts are design changed.  
 Refer to pages 18-29 to 18-31 for applicable serial numbers.  
 UVW-1400/1400P/1200/1200P

## M BOARD/SOPS-1045(for NTSC)

Ref. No.  
or Q'ty Part No. SP Description

1pc  $\Delta$  1-413-889-11 s REGULATOR, SWITCHING (SOPS-1045)

All of component parts on the M board are supplied together when you order switching regulator, SOPS-1045. Therefore, all of component parts on the board should be critical to safe operation.

1pc 1-649-935-11 o PRINTED CIRCUIT BOARD, M  
1pc 1-543-060-00 s BEAD, FERRITE  
1pc 1-543-923-11 s BEAD, FERRITE

C106 1-136-185-00 s FILM 0.22uF 20% 250V  
C107 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
C108 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
C113 1-125-715-11 s ELECT 820uF 20% 200V  
C114 1-136-206-11 s FILM 0.033uF 10% 630V

C115 1-136-165-00 s FILM 0.1uF 5% 50V  
C116 1-124-478-11 s ELECT 100uF 20% 25V  
C117 1-124-477-11 s ELECT 47uF 20% 25V  
C118 1-130-487-00 s MYLAR 0.022uF 5% 50V  
C119 1-136-153-00 s FILM 0.01uF 5% 50V

C120 1-130-048-00 s FILM 220pF 5% 50V  
C121 1-136-165-00 s FILM 0.1uF 5% 50V  
C122 1-124-927-11 s ELECT 4.7uF 20% 100V  
C123 1-161-742-00 s CERAMIC 0.0022uF 20% 400V  
C124 1-161-741-00 s CERAMIC 1000pF 20% AC400V

C125 1-161-741-00 s CERAMIC 1000pF 20% AC400V  
C126 1-162-117-11 s CERAMIC 100uF 10% 500V  
C201 1-164-645-11 s CERAMIC 1000pF 10% 500V  
C202 1-164-645-11 s CERAMIC 1000pF 10% 500V  
C203 1-128-102-11 s ELECT 1200uF 20% 16V

C204 1-128-585-11 s ELECT 270uF 20% 16V  
C206 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C207 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C208 1-128-102-11 s ELECT 1200uF 20% 16V  
C209 1-126-987-11 s ELECT 220uF 20% 10V

C211 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C212 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C213 1-128-102-11 s ELECT 1200uF 20% 16V  
C214 1-126-987-11 s ELECT 220uF 20% 10V  
C215 1-136-165-00 s FILM 0.1uF 5% 50V

C216 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C217 1-164-646-11 s CERAMIC 2200pF 10% 500V  
C218 1-128-102-11 s ELECT 1200uF 20% 16V  
C219 1-126-987-11 s ELECT 220uF 20% 10V  
C220 1-136-165-00 s FILM 0.1uF 5% 50V

C221 1-164-645-11 s CERAMIC 1000pF 10% 500V  
C222 1-164-645-11 s CERAMIC 1000pF 10% 500V  
C223 1-128-102-11 s ELECT 1200uF 20% 16V  
C225 1-128-584-11 s ELECT 120uF 20% 16V  
C226 1-128-585-11 s ELECT 270uF 20% 16V

C228 1-128-585-11 s ELECT 270uF 20% 16V  
C230 1-130-489-00 s MYLAR 0.033uF 5% 50V  
C231 1-136-169-00 s MYLAR 0.22uF 5% 50V  
C232 1-130-483-00 s MYLAR 0.01uF 5% 50V  
C233 1-136-157-00 s FILM, CHIP 0.022uF 5% 50V

CN101 1-564-216-00 o CONNECTOR, VH 5P, MALE  
CN102 1-564-215-11 o PIN, CONNECTOR 4P  
CN103 1-564-521-00 o CONNECTOR, VH 2P, MALE  
CN201 1-564-932-11 o CONNECTOR, 2P

## (M BOARD/SOPS-1045(for NTSC))

Ref. No.  
or Q'ty Part No. SP Description

D101 8-719-510-71 s DIODE D10XB60

D102 8-719-313-16 s DIODE AU02A  
D103 8-719-911-19 s DIODE RS5.1ES119  
D104 8-719-510-26 s DIODE DINL20  
D105 8-719-510-26 s DIODE DINL20  
D106 8-719-510-26 s DIODE DINL20

D107 8-719-911-19 s DIODE 1SS119  
D108 8-719-109-84 s DIODE RS5.1ES-B1  
D109 8-719-911-19 s DIODE 1SS119  
D110 8-719-109-89 s DIODE RS5.6ES-B2  
D201 8-719-510-12 s DIODE D10SC4M

D202 8-719-510-39 s DIODE D10LC20U  
D203 8-719-510-39 s DIODE D10LC20U  
D204 8-719-988-31 s DIODE D10SC6MR  
D205 8-719-025-11 s DIODE D8LC20UR  
D206 8-719-027-20 s DIODE D3ASM-F

D208 8-719-911-19 s DIODE 1SS119  
D209 8-719-109-88 s DIODE RS5.6ES-B1  
D210 8-719-911-19 s DIODE 1SS119  
D211 8-719-110-12 s DIODE RD9.1ES-B1  
D213 8-719-110-42 s DIODE RD13ES-B3

D214 8-719-110-52 s DIODE RD20ES-B1

IC101 8-759-520-23 s IC PA5304P  
IC102 8-719-028-92 s PHOTO-COUPLER PS2652-P-V  
IC103 8-719-028-92 s PHOTO-COUPLER PS2652-P-V  
IC103 8-719-820-87 s PHOTO-COUPLER TLP634GB-LF2  
IC201 8-759-604-49 s IC MSF7909L

IC202 8-759-908-15 s IC TL431CLP

L101 1-424-389-11 s FILTER, LINE  
L103 1-412-552-11 s INDUCTOR 2.2mH  
L201 1-406-929-11 s COIL, CHOKE  
L202 1-424-254-31 s COIL, CHOKE 4.7uH  
L203 1-406-953-11 s COIL, CHOKE 30uH

L204 1-424-255-11 s COIL, CHOKE 10uH  
L205 1-424-254-31 s COIL, CHOKE 4.7uH  
L206 1-424-255-11 s COIL, CHOKE 10uH  
L207 1-406-929-11 s COIL, CHOKE  
L208 1-424-255-11 s COIL, CHOKE 10uH

Q101 8-729-321-75 s TRANSISTOR 2SK1400A  
Q201 8-729-900-80 s TRANSISTOR DTC114ES

R102 1-217-785-11 s WIREWOUND 15 5% 5W  
R103 1-260-129-91 s CARBON 330k 5% 1/2W  
R104 1-215-902-11 s METAL 47k 5% 2W  
R105 1-215-902-11 s METAL 47k 5% 2W  
R106 1-215-902-11 s METAL 47k 5% 2W

R107 1-249-404-00 s CARBON 82 5% 1/4W  
R108 1-249-394-11 s CARBON 12 5% 1/4W  
R109 1-249-441-11 s CARBON 100k 5% 1/4W  
R110 1-249-395-11 s CARBON 15 5% 1/4W  
R111 1-249-397-11 s CARBON 22 5% 1/4W

R112 1-249-381-11 s CARBON 1 5% 1/4W  
R113 1-249-395-11 s CARBON 15 5% 1/4W  
R114 1-249-429-11 s CARBON 10k 5% 1/4W  
R115 1-249-421-11 s CARBON 2.2k 5% 1/4W  
R116 1-247-903-00 s CARBON 1M 5% 1/4W

R117 1-215-902-11 s METAL 47k 5% 2W

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UWV-1400/1400P/1200/1200P

(M BOARD/SOPS-1045(for NTSC))

| Ref. No.<br>or Q'ty | Part No.     | SP Description           |
|---------------------|--------------|--------------------------|
| R118                | 1-249-436-11 | s CARBON 39k 5% 1/4W     |
| R201                | 1-215-882-00 | s METAL 22 5% 2W         |
| R202                | 1-215-882-00 | s METAL 22 5% 2W         |
| R203                | 1-215-882-00 | s METAL 22 5% 2W         |
| R204                | 1-215-882-00 | s METAL 22 5% 2W         |
| R205                | 1-215-882-00 | s METAL 22 5% 2W         |
| R206                | 1-249-419-11 | s CARBON 1.5k 5% 1/4W    |
| R209                | 1-215-429-00 | s METAL 2.2k 1% 1/6W     |
| R210                | 1-215-433-00 | s METAL 3.3k 1% 1/6W     |
| R212                | 1-249-413-11 | s CARBON 470 5% 1/4W     |
| R213                | 1-249-405-11 | s CARBON 100 5% 1/4W     |
| R214                | 1-249-433-11 | s CARBON 22k 5% 1/4W     |
| RY201               | 1-237-500-21 | s RES. ADJ METAL 1K      |
| RY101               | 1-515-864-11 | s RELAY                  |
| T101                | 1-423-874-11 | s TRANSFORMER, CONVERTER |
| T102                | 1-424-573-11 | s TRANSFORMER, CURRENT   |

(M BOARD/SOPS-1046(for PAL))

| Ref. No.<br>or Q'ty | Part No.       | SP Description                     |
|---------------------|----------------|------------------------------------|
| 1pc                 | Δ 1-413-925-12 | s REGULATOR, SWITCHING (SOPS-1046) |

All of component parts on the M board are supplied together when you order switching regulator, SOPS-1046. Therefore, all of components parts on the board should be critical to safe operation.

|       |              |                             |
|-------|--------------|-----------------------------|
| 1pc   | 1-543-060-00 | s BEAD, FERRITE             |
| 1pc   | 1-543-923-11 | s BEAD, FERRITE             |
| C106  | 1-136-185-00 | s FILM 0.22uF 20% 250V      |
| C107  | 1-161-741-00 | s CERAMIC 1000pF 20% 400V   |
| C108  | 1-161-741-00 | s CERAMIC 1000pF 20% 400V   |
| C113  | 1-125-731-11 | s ELECT 270MF 5% 50V        |
| C114  | 1-136-206-11 | s FILM 0.033uF 10% 630V     |
| C115  | 1-136-165-00 | s FILM 0.1uF 5% 50V         |
| C116  | 1-124-478-11 | s ELECT 100uF 20% 25V       |
| C117  | 1-124-478-11 | s ELECT 100uF 20% 25V       |
| C118  | 1-136-157-00 | s FILM 0.022uF 5% 50V       |
| C119  | 1-136-153-00 | s FILM 0.01uF 5% 50V        |
| C120  | 1-130-048-00 | s FILM 220pF 5% 50V         |
| C121  | 1-136-165-00 | s FILM 0.1uF 5% 50V         |
| C122  | 1-124-927-11 | s ELECT 4.7uF 20% 100V      |
| C123  | 1-161-742-00 | s CERAMIC 0.0022uF 20% 400V |
| C124  | 1-161-742-00 | s CERAMIC 0.0022uF 20% 400V |
| C125  | 1-161-742-00 | s CERAMIC 0.0022uF 20% 400V |
| C126  | 1-102-002-00 | s CERAMIC 680pF 10% 500V    |
| C201  | 1-164-645-11 | s CERAMIC 1000pF 10% 500V   |
| C202  | 1-164-645-11 | s CERAMIC 1000pF 10% 500V   |
| C203  | 1-128-102-11 | s ELECT 1200uF 20% 16V      |
| C204  | 1-128-585-11 | s ELECT 270uF 20% 16V       |
| C206  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C207  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C208  | 1-128-102-11 | s ELECT 1200uF 20% 16V      |
| C209  | 1-126-987-11 | s ELECT 220uF 20% 10V       |
| C211  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C212  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C213  | 1-128-102-11 | s ELECT 1200uF 20% 16V      |
| C214  | 1-126-987-11 | s ELECT 220uF 20% 10V       |
| C215  | 1-136-165-00 | s FILM 0.1uF 5% 50V         |
| C216  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C217  | 1-164-645-11 | s CERAMIC 2200pF 10% 500V   |
| C218  | 1-128-102-11 | s ELECT 1200uF 20% 16V      |
| C219  | 1-126-987-11 | s ELECT 220uF 20% 10V       |
| C220  | 1-136-165-00 | s FILM 0.1uF 5% 50V         |
| C221  | 1-164-645-11 | s CERAMIC 1000pF 10% 500V   |
| C222  | 1-164-645-11 | s CERAMIC 1000pF 10% 500V   |
| C223  | 1-128-102-11 | s ELECT 1200uF 20% 16V      |
| C225  | 1-128-584-11 | s ELECT 120uF 20% 16V       |
| C226  | 1-128-585-11 | s ELECT 270uF 20% 16V       |
| C228  | 1-128-585-11 | s ELECT 270uF 20% 16V       |
| C230  | 1-130-489-00 | s MYLAR 0.033uF 5% 50V      |
| C231  | 1-136-169-00 | s MYLAR 0.22uF 5% 50V       |
| C232  | 1-130-483-00 | s MYLAR 0.01uF 5% 50V       |
| C233  | 1-136-157-00 | s FILM 0.022uF 5% 50V       |
| CN101 | 1-564-216-00 | s CONNECTOR, VH 5P, MALE    |
| CN102 | 1-564-215-11 | s CONNECTOR 4P, MALE        |
| CN103 | 1-564-321-00 | s CONNECTOR, VH 2P, MALE    |
| CN201 | 1-564-932-11 | s CONNECTOR 9P, MALE        |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## (M BOARD/SOPS-1046(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| D101                | 8-719-510-71 | s DIODE D10XB60            |
| D102                | 8-719-313-16 | s DIODE AU02A              |
| D103                | 8-719-911-19 | s DIODE 1SS119             |
| D104                | 8-719-510-26 | s DIODE DINL20             |
| D105                | 8-719-510-26 | s DIODE DINL20             |
| D106                | 8-719-313-16 | s DIODE AU02A              |
| D107                | 8-719-911-19 | s DIODE 1SS119             |
| D108                | 8-719-109-84 | s DIODE RD5.1ES-B1         |
| D109                | 8-719-911-19 | s DIODE 1SS119             |
| D110                | 8-719-109-89 | s DIODE RD5.6ES-B2         |
| D201                | 8-719-510-12 | s DIODE D10SC4M            |
| D202                | 8-719-510-39 | s DIODE D10LC20U           |
| D203                | 8-719-510-39 | s DIODE D10LC20U           |
| D204                | 8-719-988-31 | s DIODE D10SC6MR           |
| D205                | 8-719-025-11 | s DIODE D8LC20UR           |
| D206                | 8-719-027-20 | s DIODE D3S4M-F            |
| D208                | 8-719-911-19 | s DIODE 1SS119             |
| D209                | 8-719-109-88 | s DIODE RD5.6ES-B1         |
| D210                | 8-719-911-19 | s DIODE 1SS119             |
| D211                | 8-719-110-12 | s DIODE RD9.1ES-B1         |
| D213                | 8-719-110-42 | s DIODE RD15ES-B3          |
| D214                | 8-719-110-52 | s DIODE RD20ES-B1          |
| IC101               | 8-759-520-23 | s IC FA5304P               |
| IC102               | 8-719-028-92 | s PHOTO-COMPLER PS2652-P-V |
| IC103               | 8-719-028-92 | s PHOTO-COMPLER PS2652-P-V |
| IC201               | 8-759-604-49 | s IC M5F7909L              |
| IC202               | 8-759-908-15 | s IC TL431CLP              |
| L101                | 1-423-974-11 | s FILTER, LINE             |
| L103                | 1-412-552-11 | s INDUCTOR 2.2mH           |
| L201                | 1-406-929-11 | s COIL, CHOKE              |
| L202                | 1-424-254-31 | s COIL, CHOKE 4.7uH        |
| L203                | 1-406-531-11 | s COIL, CHOKE 30uH         |
| L204                | 1-424-255-11 | s COIL, CHOKE 10uH         |
| L205                | 1-424-254-31 | s COIL, CHOKE 4.7uH        |
| L206                | 1-424-255-11 | s COIL, CHOKE 10uH         |
| L207                | 1-406-929-11 | s COIL, CHOKE              |
| L208                | 1-424-255-11 | s COIL, CHOKE 10uH         |
| Q101                | 8-729-322-18 | s TRANSISTOR 2SK1402A      |
| Q201                | 8-729-900-80 | s TRANSISTOR DTC114ES      |
| R102                | 1-217-785-11 | s WIREWOUND 15 5% 5W       |
| R103                | 1-260-127-11 | s CARBON 220k 5% 1/2W      |
| R104                | 1-215-904-11 | s METAL 100k 5% 2W         |
| R105                | 1-215-904-11 | s METAL 100k 5% 2W         |
| R106                | 1-215-902-11 | s METAL 47k 5% 2W          |
| R107                | 1-215-374-00 | s METAL 11 1% 1/6W         |
| R108                | 1-249-394-11 | s CARBON 12 5% 1/4W        |
| R109                | 1-249-441-11 | s CARBON 100k 5% 1/4W      |
| R110                | 1-249-390-11 | s CARBON 5.6 5% 1/4W       |
| R111                | 1-249-397-11 | s CARBON 22 5% 1/4W        |
| R112                | 1-249-381-11 | s CARBON 1 5% 1/4W         |
| R113                | 1-249-398-11 | s CARBON 27 5% 1/4W        |
| R114                | 1-249-429-11 | s CARBON 10k 5% 1/4W       |
| R115                | 1-249-421-11 | s CARBON 2.2k 5% 1/4W      |
| R116                | 1-247-903-00 | s CARBON 1M 5% 1/4W        |
| R117                | 1-215-902-11 | s METAL 47k 5% 2W          |
| R118                | 1-249-436-11 | s CARBON 39k 5% 1/4W       |
| R119                | 1-260-127-11 | s CARBON 220k 5% 1/2W      |
| R201                | 1-215-882-00 | s METAL 22 5% 2W           |

## (M BOARD/SOPS-1046(for PAL))

| Ref. No.<br>or Q'ty | Part No.     | SP Description          |
|---------------------|--------------|-------------------------|
| R202                | 1-215-882-00 | s METAL 22 5% 2W        |
| R203                | 1-215-882-00 | s METAL 22 5% 2W        |
| R204                | 1-215-882-00 | s METAL 22 5% 2W        |
| R205                | 1-215-882-00 | s METAL 22 5% 2W        |
| R206                | 1-249-419-11 | s CARBON 1.5k 5% 1/4W   |
| R209                | 1-215-429-00 | s METAL 2.2k 1% 1/6W    |
| R210                | 1-215-433-00 | s METAL 3.3k 1% 1/6W    |
| R212                | 1-249-413-11 | s CARBON 470 5% 1/4W    |
| R213                | 1-247-807-31 | s CARBON 100 5% 1/4W    |
| R214                | 1-249-433-11 | s CARBON 22k 5% 1/4W    |
| RV201               | 1-237-500-21 | s RES, ADJ METAL 1k     |
| RY101               | 1-515-864-11 | s RELAY                 |
| T101                | 1-426-623-11 | s TRANSFORMER CONVERTER |
| T102                | 1-424-573-11 | s TRANSFORMER, CURRENT  |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## FRAME LIST

| Ref. No.<br>or Q'ty | Part No.       | SP Description                                 |
|---------------------|----------------|------------------------------------------------|
| 1pc                 | A-8263-056-A   | DRUM ASSY, DBH-43A-R (for UVW-1400)            |
| 1pc                 | A-8263-055-A   | UPPER DRUM ASSY, DBR-43-R<br>(for UVW-1400)    |
| 1pc                 | A-8263-058-A   | DRUM ASSY, DBH-44A-R<br>(for UVW-1400P)        |
| 1pc                 | A-8263-057-A   | UPPER DRUM ASSY, DBR-44-R<br>(for UVW-1400P)   |
| 1pc                 | A-8260-976-A   | DRUM ASSY, DBH-41A-R (for UVW-1200)            |
| 1pc                 | A-8260-977-A   | UPPER DRUM ASSY, DBR-41-R<br>(for UVW-1200)    |
| 1pc                 | A-8260-978-A   | DRUM ASSY, DBH-42A-R<br>(for UVW-1200P)        |
| 1pc                 | A-8260-979-A   | UPPER DRUM ASSY, DBR-42-R<br>(for UVW-1200P)   |
| 1pc                 | Δ 1-413-889-11 | REGULATOR, SWITCHING (SOPS-1045)<br>(for MTSC) |
| 1pc                 | Δ 1-413-925-12 | REGULATOR, SWITCHING (SOPS-1045)<br>(for PAL)  |
| 1pc                 | Δ 1-467-557-11 | CONVERTER, DC-DC (for UVW-1200/1200P)          |
| 1pc                 | 1-690-106-12   | WIRE, FLEXIBLE CARD 5P                         |
| 1pc                 | Δ 1-810-374-11 | UNIT, FLD (for UVW-1400/1400P)                 |
| 1pc                 | 1-810-381-11   | SENSOR, CONDENSATION                           |
| H1001               | 8-825-779-11   | HEAD, PS244-2103H (for UVW-1400/1400P)         |
| H1002               | 8-825-778-91   | HEAD, PS244-2103G (for UVW-1200/1200P)         |
| H1003               | 8-825-554-83   | HEAD, CTL PS244-21B                            |
| H1003               | 8-825-770-74   | HEAD, FE EF291-21                              |
| L1001               | 1-543-316-31   | HEAD, SENSING<br>"TAPE END SENSOR"             |
| L1002               | 1-543-316-31   | HEAD, SENSING<br>"TAPE TOP SENSOR"             |
| M1001               | 1-698-152-11   | MOTOR, DC (SVD-1449) "THREADING"               |
| M1002               | 1-698-152-11   | MOTOR, DC (SVD-1449) "CASSETTE"                |
| M1003               | 1-698-231-12   | MOTOR, DC "S-REEL"                             |
| M1004               | 1-698-231-12   | MOTOR, DC "T-REEL"                             |
| M1005               | 1-698-179-12   | MOTOR, DC "CAPSTAN"                            |
| M1006               | 1-698-152-11   | MOTOR, DC (SVD-1449) "POSITION"                |
| PM1001              | 1-454-338-00   | SOLENOID "PINCH"                               |
| PM1002              | 1-454-417-41   | SOLENOID "S-BRAKE"                             |
| PM1003              | 1-454-417-41   | SOLENOID "T-BRAKE"                             |
| S1001               | Δ 1-570-117-31 | SWITCH, ROCKER "AC POWER"                      |

## FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST

| Ref. No.<br>or Q'ty                            | Part No.     | SP Description           |
|------------------------------------------------|--------------|--------------------------|
| to ACE ASSY                                    |              |                          |
| CN22F                                          | 1-568-819-11 | HOUSING 9P               |
| 9pcs                                           | 1-565-977-11 | CONTACT, FEMALE AWG28-32 |
| to AP-31B/31BP board (for UVW-1400/1400P only) |              |                          |
| CN1F                                           | 1-569-196-41 | HOUSING 3P               |
| 1pc                                            | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 2pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| CN2F                                           | 1-569-196-31 | HOUSING 3P               |
| 1pc                                            | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 2pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| CN3F                                           | 1-569-196-11 | HOUSING 3P               |
| 1pc                                            | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 2pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| to AP-34/34P board (for UVW-1200/1200P only)   |              |                          |
| CN1F                                           | 1-569-199-31 | HOUSING 6P               |
| 2pcs                                           | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 4pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| CN2F                                           | 1-569-208-11 | HOUSING 15P              |
| 15pcs                                          | 1-569-193-21 | CONTACT, FEMALE          |
| CN3F                                           | 1-562-152-11 | HOUSING 7P               |
| 7pcs                                           | 1-564-026-00 | CONTACT, FEMALE AWG26-30 |
| CN4F                                           | 1-562-155-11 | HOUSING 10P              |
| 10pcs                                          | 1-564-026-00 | CONTACT, FEMALE AWG26-30 |
| CN5F                                           | 1-569-199-21 | HOUSING 6P               |
| 2pcs                                           | 1-569-192-21 | CONTACT, FEMALE AWG22-26 |
| 4pcs                                           | 1-569-194-21 | CONTACT, FEMALE AWG24-30 |
| CN6F                                           | 1-569-199-41 | HOUSING 6P               |
| 2pcs                                           | 1-569-192-21 | CONTACT, FEMALE AWG22-26 |
| 4pcs                                           | 1-569-194-21 | CONTACT, FEMALE AWG24-30 |
| CN7F                                           | 1-562-157-11 | HOUSING 12P              |
| 12pcs                                          | 1-564-026-00 | CONTACT, FEMALE AWG26-30 |
| CN8F                                           | 1-569-196-11 | HOUSING 3P               |
| 1pc                                            | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 2pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| to AE-14A/14AP board (for UVW-1400/1400P only) |              |                          |
| CN1F                                           | 1-569-202-11 | HOUSING 9P               |
| 3pcs                                           | 1-569-191-11 | CONTACT, FEMALE AWG22-26 |
| 6pcs                                           | 1-569-193-11 | CONTACT, FEMALE          |
| to AUDIO LEVEL METER (for UVW-1400/1400P only) |              |                          |
| CN1F                                           | 1-559-586-11 | WIRE, FLEXIBLE CARD 20P  |
| CN2F                                           | 1-559-586-11 | WIRE, FLEXIBLE CARD 20P  |
| to CAPSTAN MOTOR CONTROL BLOCK                 |              |                          |
| CN8F                                           | 1-562-153-11 | HOUSING 8P               |
| 8pcs                                           | 1-564-026-00 | CONTACT, FEMALE AWG26-30 |
| to CASSETTE                                    |              |                          |
| CN90F                                          | 1-562-157-11 | HOUSING 12P              |
| 12pcs                                          | 1-564-026-00 | CONTACT, FEMALE AWG26-30 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P



## (FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST)

| Ref. No.<br>or Q'ty             | Part No.                | SP Description             |
|---------------------------------|-------------------------|----------------------------|
| to CP-225B/225C board           |                         |                            |
|                                 | CP-225B: UVW-1400/1400P |                            |
|                                 | CP-225C: UVW-1200/1200P |                            |
| CN652F                          | 1-562-152-11            | o HOUSING 7P               |
| 7pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN654F(for UVW-1400/1400P only) |                         |                            |
|                                 | 1-562-157-11            | o HOUSING 12P              |
| 12pcs                           | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN655F                          | 1-562-185-11            | o HOUSING 14P              |
| 14pcs                           | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN656F                          | 1-562-147-11            | o HOUSING 2P               |
| 2pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| to CP-226/226A board            |                         |                            |
|                                 | CP-226: UVW-1400/1400P  |                            |
|                                 | CP-226A: UVW-1200/1200P |                            |
| CN274F                          | 1-562-152-11            | o HOUSING 7P               |
| 7pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN275F(for UVW-1400/1400P only) |                         |                            |
|                                 | 1-562-151-11            | o HOUSING 6P               |
| 6pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN276F                          | 1-562-147-11            | o HOUSING 2P               |
| 2pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| to CP-239 board                 |                         |                            |
| CN532F                          | 1-575-733-11            | s CABLE, FLAT 17P          |
| to DR-214 board                 |                         |                            |
| CN901F                          | 1-558-261-31            | s WIRE, FLEXIBLE CARD 30P  |
| CN902F                          | 1-558-261-31            | s WIRE, FLEXIBLE CARD 30P  |
| CN903F                          | 1-558-261-31            | s WIRE, FLEXIBLE CARD 30P  |
| to DRUM ASSY                    |                         |                            |
| CN1F                            | 1-580-938-11            | o HOUSING 15P              |
| 15pcs                           | 1-565-740-11            | o CONTACT, FEMALE AWG24-30 |
| CN911F                          | 1-569-199-11            | o HOUSING 6P               |
| 2pcs                            | 1-569-192-11            | o CONTACT, FEMALE AWG22-26 |
| 4pcs                            | 1-569-194-11            | o CONTACT, FEMALE AWG24-30 |
| CN912F                          | 1-569-199-31            | o HOUSING 6P               |
| 2pcs                            | 1-569-192-11            | o CONTACT, FEMALE AWG22-26 |
| 4pcs                            | 1-569-194-11            | o CONTACT, FEMALE AWG24-30 |
| to PUS-355 board                |                         |                            |
| CN934F                          | 1-569-195-11            | s HOUSING 2P               |
| 2pcs                            | 1-569-193-11            | o CONTACT, FEMALE          |
| to HP-61 board                  |                         |                            |
| CN401F                          | 1-562-155-11            | o HOUSING 10P              |
| 10pcs                           | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN403F                          | 1-562-148-11            | o HOUSING 3P               |
| 3pcs                            | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |

## (FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST)

| Ref. No.<br>or Q'ty                        | Part No.                | SP Description             |
|--------------------------------------------|-------------------------|----------------------------|
| to KY-290/290A board                       |                         |                            |
|                                            | KY-290: UVW-1400/1400P  |                            |
|                                            | KY-290A: UVW-1200/1200P |                            |
| CN590F                                     | 1-562-958-11            | o HOUSING 15P              |
| 15pcs                                      | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN591F(for UVW-1400/1400P only)            |                         |                            |
|                                            | 1-559-586-11            | o WIRE, FLEXIBLE CARD 20P  |
| CN592F(for UVW-1400/1400P only)            |                         |                            |
|                                            | 1-562-149-11            | o HOUSING 4P               |
| 4pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN593F(for UVW-1400/1400P only)            |                         |                            |
|                                            | 1-559-586-11            | o WIRE, FLEXIBLE CARD 20P  |
| to MB-471B board (for UVW-1400/1400P only) |                         |                            |
| CN251F                                     | 1-562-511-11            | o HOUSING 9P               |
| 9pcs                                       | 1-562-490-11            | o CONTACT, FEMALE AWG22-28 |
| CN261F                                     | 1-562-157-11            | o HOUSING 12P              |
| 12pcs                                      | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN265F                                     | 1-562-148-11            | o HOUSING 3P               |
| 3pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN274F                                     | 1-562-152-11            | o HOUSING 7P               |
| 7pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN275F                                     | 1-562-151-11            | o HOUSING 6P               |
| 6pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN276F                                     | 1-562-151-11            | o HOUSING 6P               |
| 6pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN277F                                     | 1-562-149-11            | o HOUSING 4P               |
| 4pcs                                       | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN278F                                     | 1-562-155-11            | o HOUSING 10P              |
| 10pcs                                      | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN281F                                     | 1-751-632-11            | s WIRE, FLEXIBLE CARD 34P  |
| to MB-520/520P/520A/520AP board            |                         |                            |
|                                            | MB-520: UVW-1400        |                            |
|                                            | MB-520P: UVW-1400P      |                            |
|                                            | MB-520A: UVW-1200       |                            |
|                                            | MB-520AP: UVW-1200P     |                            |
| CN200F                                     | 1-562-800-11            | o HOUSING 9P               |
| 9pcs                                       | 1-562-210-11            | o CONTACT, FEMALE AWG18-22 |
| CN201F                                     | 1-562-511-11            | o HOUSING 9P               |
| 9pcs                                       | 1-562-490-11            | o CONTACT, FEMALE AWG22-28 |
| CN211F(for UVW-1400/1400P only)            |                         |                            |
|                                            | 1-562-157-11            | o HOUSING 12P              |
| 12pcs                                      | 1-564-026-00            | o CONTACT, FEMALE AWG26-30 |
| CN231F(for UVW-1400/1400P only)            |                         |                            |
|                                            | 1-751-632-11            | s WIRE, FLEXIBLE CARD 34P  |
| CN232F                                     | 1-575-733-11            | s CABLE, FLAT 17P          |
| CN233F(for UVW-1200/1200P only)            |                         |                            |
|                                            | 1-569-203-11            | o HOUSING 10P              |
| 1pc                                        | 1-569-191-11            | o CONTACT, FEMALE AWG22-26 |
| 9pcs                                       | 1-569-193-11            | o CONTACT, FEMALE          |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST)

| Ref. No.<br>or Q'ty              | Part No.     | SP Description             |
|----------------------------------|--------------|----------------------------|
| CN235F                           | 1-562-148-11 | o HOUSING 3P               |
| 3pcs                             | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN262F                           | 1-562-958-11 | o HOUSING 15P              |
| 15pcs                            | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN267F                           | 1-562-152-11 | o HOUSING 7P               |
| 7pcs                             | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN268F                           | 1-562-185-11 | o HOUSING 14P              |
| 14pcs                            | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN271F (for UVW-1400/1400P only) |              |                            |
|                                  | 1-562-157-11 | o HOUSING 12P              |
| 12pcs                            | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

## to MS-39/39A board

MS-39: UVW-1400/1400P  
MS-39A: UVW-1200/1200P

|        |              |                            |
|--------|--------------|----------------------------|
| CN350F | 1-562-157-11 | o HOUSING 12P              |
| 12pcs  | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN351F | 1-562-149-11 | o HOUSING 4P               |
| 4pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN352F | 1-569-195-11 | o HOUSING 2P               |
| 2pcs   | 1-569-193-11 | o CONTACT, FEMALE          |
| CN353F | 1-562-152-11 | o HOUSING 7P               |
| 7pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN354F | 1-569-208-11 | o HOUSING 15P              |
| 15pcs  | 1-569-193-11 | o CONTACT, FEMALE          |
| CN355F | 1-562-153-11 | o HOUSING 8P               |
| 8pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN356F | 1-751-633-11 | s WIRE, FLEXIBLE CARD 13P  |
| CN357F | 1-751-634-11 | s WIRE, FLEXIBLE CARD 13P  |
| CN358F | 1-562-151-11 | o HOUSING 6P               |
| 6pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN359F | 1-562-149-11 | o HOUSING 4P               |
| 4pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN360F | 1-569-197-11 | o HOUSING 4P               |
| 4pcs   | 1-569-193-11 | o CONTACT, FEMALE          |
| CN361F | 1-569-196-11 | o HOUSING 3P               |
| 1pc    | 1-569-191-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs   | 1-569-193-11 | o CONTACT, FEMALE          |
| CN362F | 1-558-261-31 | s WIRE, FLEXIBLE CARD 30P  |
| CN363F | 1-558-261-31 | s WIRE, FLEXIBLE CARD 30P  |
| CN364F | 1-558-261-31 | s WIRE, FLEXIBLE CARD 30P  |

## to PD-35 board

|        |              |                            |
|--------|--------------|----------------------------|
| CN851F | 1-562-147-11 | o HOUSING 2P               |
| 2pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN854F | 1-562-151-11 | o HOUSING 6P               |
| 6pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

## (FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST)

| Ref. No.<br>or Q'ty | Part No.     | SP Description             |
|---------------------|--------------|----------------------------|
| to PTC-66 board     |              |                            |
| CN944F              | 1-562-149-11 | o HOUSING 4P               |
| 4pcs                | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| to PTC-67 board     |              |                            |
| CN941F              | 1-562-152-11 | o HOUSING 7P               |
| 7pcs                | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| CN942F              | 1-569-195-21 | o HOUSING 2P               |
| 2pcs                | 1-569-193-11 | o CONTACT, FEMALE          |
| CN943F              | 1-562-147-11 | o HOUSING 2P               |
| 2pcs                | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

## to PTC-68 board

|        |              |                            |
|--------|--------------|----------------------------|
| CN940F | 1-562-149-11 | o HOUSING 4P               |
| 4pcs   | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

## to RM-126 board

|        |              |                           |
|--------|--------------|---------------------------|
| CN946F | 1-751-633-12 | s WIRE, FLEXIBLE CARD 13P |
| CN947F | 1-569-197-11 | o HOUSING 4P              |
| 4pcs   | 1-569-193-11 | o CONTACT, FEMALE         |

## to RM-127 board

|        |              |                           |
|--------|--------------|---------------------------|
| CN951F | 1-751-634-12 | s WIRE, FLEXIBLE CARD 13P |
| CN952F | 1-569-197-11 | o HOUSING 4P              |
| 4pcs   | 1-569-193-11 | o CONTACT, FEMALE         |

## to RP-70B/70BP board (for UVW-1400/1400P only)

|        |              |                            |
|--------|--------------|----------------------------|
| CN1F   | 1-569-196-11 | o HOUSING 3P               |
| 1pc    | 1-569-192-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs   | 1-569-194-11 | o CONTACT, FEMALE AWG24-30 |
| CN101F | 1-569-196-31 | o HOUSING 3P               |
| 1pc    | 1-569-192-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs   | 1-569-194-11 | o CONTACT, FEMALE AWG24-30 |
| CN201F | 1-569-196-41 | o HOUSING 3P               |
| 1pc    | 1-569-192-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs   | 1-569-194-11 | o CONTACT, FEMALE AWG24-30 |
| CN301F | 1-569-196-21 | o HOUSING 3P               |
| 1pc    | 1-569-192-11 | o CONTACT, FEMALE AWG22-26 |
| 2pcs   | 1-569-194-11 | o CONTACT, FEMALE AWG24-30 |

## to SE-207 board

|        |              |                            |
|--------|--------------|----------------------------|
| CN950F | 1-569-619-11 | o HOUSING 4P               |
| 4pcs   | 1-565-977-11 | s CONTACT, FEMALE AWG28-32 |

## to SWITCHING REGULATOR

|        |                |                            |
|--------|----------------|----------------------------|
| CN1F   | △ 1-562-800-11 | o HOUSING 9P               |
| 9pcs   | △ 1-562-210-11 | o CONTACT, FEMALE AWG18-22 |
| CN101F | 1-562-286-11   | o HOUSING 5P               |
| 2pcs   | 1-562-210-11   | o CONTACT, FEMALE AWG18-22 |
| CN151F | 1-562-285-11   | o HOUSING 4P               |
| 2pcs   | 1-562-210-11   | o CONTACT, FEMALE AWG18-22 |

Note: In this list \* marked parts are design changed.

Refer to pages 18-29 to 18-31 for applicable serial numbers.

UVW-1400/1400P/1200/1200P

## (FRAME, HARNESS, CONNECTOR &amp; CONTACT LIST)

| Ref. No.<br>or Q'ty                       | Part No.     | SP Description             |
|-------------------------------------------|--------------|----------------------------|
| to TAPE END SENSOR                        |              |                            |
| CN938F                                    | 1-562-147-11 | o HOUSING 2P               |
| 2pcs                                      | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| to TAPE TOP SENSOR                        |              |                            |
| CN939F                                    | 1-562-147-11 | o HOUSING 2P               |
| 2pcs                                      | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |
| to TR-84 board                            |              |                            |
| CN945F                                    | 1-569-619-11 | o HOUSING 4P               |
| 4pcs                                      | 1-565-977-11 | s CONTACT, FEMALE AWG28-32 |
| to VR-155 board (for UVW-1400/1400P only) |              |                            |
| CN402F                                    | 1-562-151-11 | o HOUSING 6P               |
| 6pcs                                      | 1-564-026-00 | o CONTACT, FEMALE AWG26-30 |

## 18-4. PACKING MATERIALS &amp; SUPPLIED ACCESSORIES

| Ref. No.<br>or Q'ty | Part No.     | SP Description                                                  |
|---------------------|--------------|-----------------------------------------------------------------|
| 1pc                 | 1-590-910-11 | s CORD, AC POWER 3P (for EK)                                    |
| 1pc                 | 1-551-812-11 | s CORD, POWER 3P (for UC)                                       |
| 1pc                 | 1-557-161-11 | s CORD, POWER 2P (for J)                                        |
| 1pc                 | 3-182-362-01 | o SPACER                                                        |
| 1pc                 | 3-182-442-02 | o CUSHION (BOTTOM)                                              |
| 1pc                 | 3-182-443-03 | o CUSHION (TOP)                                                 |
| 1pc                 | 3-184-058-01 | o INDIVIDUAL CARTON (for UVW-1400P)                             |
| 1pc                 | 3-183-972-02 | o INDIVIDUAL CARTON (for UVW-1400)                              |
| 1pc                 | 3-183-977-02 | o INDIVIDUAL CARTON (for UVW-1200)                              |
| 1pc                 | 3-184-057-01 | o INDIVIDUAL CARTON (for UVW-1200P)                             |
| 1pc                 | 3-184-411-03 | s PROTOCOL MANUAL (for J)                                       |
| 1pc                 | 3-184-411-13 | s PROTOCOL MANUAL (for UC, EK)                                  |
| 1pc                 | 3-704-355-01 | o SHEET (STANDARD), PROTECTION                                  |
| 1pc                 | 3-758-280-03 | s MANUAL, INSTRUCTION<br>(for UVW-1400: Japanese)               |
| 1pc                 | 3-758-280-23 | s MANUAL, INSTRUCTION<br>(for UVW-1400/1400P: English & French) |
| 1pc                 | 3-758-280-43 | s MANUAL, INSTRUCTION<br>(for UVW-1400/1400P: German & Italian) |
| 1pc                 | 3-758-279-03 | s MANUAL, INSTRUCTION<br>(for UVW-1200: Japanese)               |
| 1pc                 | 3-758-279-23 | s MANUAL, INSTRUCTION<br>(for UVW-1200/1200P: English & French) |
| 1pc                 | 3-758-279-43 | s MANUAL, INSTRUCTION<br>(for UVW-1200/1200P: German & Italian) |
| 1pc                 | 3-800-983-01 | s INSTRUCTION (for UC)                                          |

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

## 18-5. OPTIONAL FIXTURES

Part No.      SP Description

J-6001-820-A o DRUM ECCENTRICITY GAUGE (3)  
J-6001-830-A o DRUM ECCENTRICITY GAUGE (2)  
J-6001-840-A o DRUM ECCENTRICITY GAUGE (1)  
or  
J-6325-530-A o DRUM ECCENTRICITY GAUGE (6)  
  
J-6031-820-A o MULTI CONNECTOR CABLE (DIBNC)  
J-6031-830-A o MULTI CONNECTOR CABLE (DOBNC)  
J-6080-029-A o ADJUSTMENT MIRROR  
J-6087-000-A o DRUM ECCENTRICITY GAUGE (5)  
J-6150-960-A o REEL MOTOR SHAFT SLANTNESS CHECK FIXTURE  
  
J-6152-450-A o WIRE CLEARANCE GAUGE  
J-6320-680-A o REEL TABLE HEIGHT GAUGE  
J-6320-880-A o CASSETTE BASE PLATE (L)  
J-6321-500-A o TAPE GUIDE ADJUSTMENT DRIVER  
J-6332-780-A o EXTENSION BOARD, EX-278  
  
J-6332-790-A o EXTENSION BOARD, EX-279  
J-6381-380-A o S CONNECTOR CABLE, EW703  
  
2-034-697-00 o CLEANING PIECE  
3-703-360-09 o PARALLEL PIN(3x32)  
7-661-018-18 o OIL  
7-662-010-04 o GREASE, SGL-505 (20 g)  
  
7-700-736-01 o L-SHAPED HEXAGONAL WRENCH (d:1.27 mm)  
7-700-736-05 o L-SHAPED HEXAGONAL WRENCH (d:1.5 mm)  
7-700-736-06 o L-SHAPED HEXAGONAL WRENCH (d:0.89 mm)  
8-960-096-01 o ALIGNMENT TAPE, CR2-1B(for NTSC)  
8-960-096-41 o ALIGNMENT TAPE, CR5-1B(for NTSC)  
  
8-960-097-45 o ALIGNMENT TAPE, CR8-1A  
8-960-096-51 o ALIGNMENT TAPE, CR2-1B PS(for PAL)  
8-960-096-86 o ALIGNMENT TAPE, CR8-1B PS(for PAL)  
8-960-096-91 o ALIGNMENT TAPE, CR5-1B PS(for PAL)  
  
9-911-053-00 o THICKNESS GAUGE  
  
9-919-573-01 o CLEANING FLUID  
  
STANDARD      TENTEL METER (T2-H7-SLC)  
PRODUCTS

Note: In this list \* marked parts are design changed.  
Refer to pages 18-29 to 18-31 for applicable serial numbers.  
UVW-1400/1400P/1200/1200P

